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Vaughan's BOOK for FLORISTS

Spring 1939
63rd YEAR

RECEIVED
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U. S. Department of Agriculture

Some of VAUGHAN'S Petunia Specialties

1. Golden Jubilee
2. Snow Storm
3. All Double Loveliness
4. Queen of the Market
5. Salmon Beauty
6. Copper Scarlet
7. Blue Beauty
8. All Double World Beauty

Pansies

Vaughan's
Swiss Giants

For Other Varieties, See Index.

VAUGHAN'S IMPROVED SWISS GIANT MIXT

The flowers are 3 in. and over, perfectly round with overlapping borne on strong stalks well above the remarkably luxuriant foliage. petals, of a rich velvety texture.

The superb colors and color combinations—salmons, pinks, rich re blues, are their distinctive feature. Trade pkt., **50c**; ⅛ oz., **$1.00**; **$1.80**; oz., **$6.00**; 2 oz., **$11.50**; lb., **$70.00.**

VAUGHAN'S SUPER SWISS GIANT MIXTU

We have made a special mixture from three of our growers' stocks. of the flowers are five blotched. All the vivid colors of the type are represented in their enormous size and wavy and crinkly flowers. Trade pkt., **50c**; ⅛ oz., **$1.20**; ¼ oz., **$2.00**; ½ oz., **$3.75**; oz., **$7.00.**

ANTIRRHINUM RUST PROOF STRAINS

By personal inspection and trial, we recommend with full confidence the following list of Rust Proof varieties and mixtures. They have been carefully checked in the field and in our judgment are the most outstanding colors and blends in their respective classes.

By growing Rust Proof seed, there is a better germination, plants are more vigorous, foliage remains clean and the flowers are large and of excellent color. There will be a longer flowering season as well.

MAJUS GRANDIFLORUM 2½ Ft.

Opal Queen. Beautiful shades of pink tinged with salmon and with an overlay of apricot. A pale yellow nose emphasizes the striking beauty of this color combination. **Trade pkt., 25c; ¼ oz., 75c; oz., $2.50.**

Shasta. Pure white, extra free flowering. **Trade pkt., 25c; ¼ oz., 75c; oz., $2.50.**

Stoplight. A vivid red self, both flower and tube being one solid color. The individual flowers are large and closely set. A fine bright red for any purpose. **Trade pkt., 35c; ¼ oz., $1.00.**

Yellow Jacket. A clear deep yellow. **Trade pkt., 35c; ¼ oz., $1.00.**

Vaughan's Majus Grandiflorum Mixture. A truly outstanding blend, **Trade pkt., 25c; ¼ oz., 75c; oz., $2.40.**

SUPER GIANT MAXIMUM 2¾ Ft.

Swingtime. One of the loveliest, rose-pink with a white tube and a yellow touch to the nose. An admirable color combination, adaptable for every purpose. Spikes are huge and evenly packed with immense blooms. **Trade pkt., 25c; ¼ oz., 85c; oz., $3.00.**

Golden Glory. The deepest yellow so far, being several shades deeper than the regular Maximum Canary Bird. The flowers are closely set on huge trusses. **Trade pkt., 25c; ¼ oz., 85c; oz., $3.00.**

SUPER MAJESTIC

Rose Sensation. It is our richest, most charming shade of rose-pink with just a touch of salmon to add to its appeal. The individual flowers are huge, both tube and flower being one solid rose color. Trusses are immense and finely tapered.

Autumn Glow Shades. Old rose suffused amber, golden lip.
Orange Shades. Ranging from light to deep orange.
Red Shades.
Rose Shades.
Shell Pink.
Silver Pink.

Vaughan's Super-Majestic Mixture. This wonderful mixture contains all of the above varieties plus many other pleasing combinations. An outstanding blend. **Each of above, trade pkt., 50c; ⅛ oz., $1.00; ¼ oz., $1.75; oz., $6.00.**

MAXIMUM 2¾ Ft.

Alaska. White.
Autumn Glow. Copper shades.
Campfire. Pure luminous scarlet.
Canary Yellow.
Copper King. Shining copper color.
Daffodil. Beautiful two-tone yellow.
Loveliness. Pure, soft rose-pink.
Red Cross. Crimson.
Salmon-Pink Shades.
Salmon-Rose Shades.
White Spire. Compact plant, pure white flowers.
Fair Lady. Silver-pink, white tube and yellow tip on lip.

Each of the above, trade pkt., 25c; ¼ oz., 80c; oz., $3.00.

Vaughan's Maximum Mixture. Contains all of the above in finely proportioned blend. Individual flowers are large, with heavy flower spikes. Especially recommended for outdoor cutting and flat sales. **Trade pkt., 20c; ¼ oz., 60c; oz., $2.00.**

Giants, Triumph of the Giants, Boulogne Giants—all 3- and 5-spotted flowers of largest size and great substance in the most varied colors and color combinations. Trade pkt., **50c**; ⅛ oz., **90c**; ¼ oz., **$1.65**; oz., **$6.00**; 4 oz., **$20.00.**

Vaughan's Novelties and Specialties for 1939

AGERATUM Blue Cap Reselected. The flowers are much larger than those of Little Blue Star and of a deeper and richer color. It also surpasses Blue Ball in dwarfness and compactness of habit and the regular form of its inflorescence. The foliage is small and the plants have the appearance of miniature domes, quite ideal for edgings to flower borders. **Trade pkt., 35c; ¼ oz., $1.00; oz., $3.00.**

ANTIRRHINUM

Majus Nanum, Semi-dwarf, Dorothy Silk. The flowers are fiery terra cotta with a white throat, one of the most vivid in this section. **Trade pkt., 35c.**

Majus Nanum, Semi-dwarf, Rust Proof, Antique Gold. A lovely variety in shades of old gold, copper, fawn, and orange. **Trade pkt., 35c; ⅛ oz., $1.00.**

Majus Nanum Grandiflorum, Semi-dwarf Large Flowering, Guinea Gold. Growing dwarf and bushy 12 to 18 inches according to soil, this glowing bronzy orange with yellow throat was really quite striking. The blending of the colors was always attractive. A fine garden snapdragon with large flowers on compact spikes. **Trade pkt., 50c.**

Magic Carpet. This lovely addition to alpine gardens has the habit of almost creeping amongst the stones as it clothes them with a carpet of tiny snapdragon flowers in a variety of soft and pleasing colors, in pink, terra cotta, shaded apricot, with a few purplish shades. **Trade pkt., 50c.**

ASTER, American Branching Type, Rosalie. Rosalie is a new shade in the American Branching type of Aster. The handsome, fully double flowers are four inches in diameter under ordinary conditions. The color is a deep rose pink, bright and attractive, and the flowers are borne on long clean stems, having an excellent length for cutting. The great feature of this new Aster is its ability to continue to produce flowers 100% double throughout the season and at no time are the centers exposed. **Trade pkt., 50c; ¼ oz., $1.00; oz., $3.50.**

ASTER, Wilt Resistant, Giant Peony Flowered, SILVER ROSE. Immense, fully double flowers resembling the Beauty type, borne on long stout non-lateral stems. Grow 2½ to 3 ft. tall. An attractive variety with its rich rose silver tipped flowers. **Trade pkt., 35c; ¼ oz., 65c; oz., $2.20.**

ASTER, Early Giant, Light Blue, Wilt Resistant. A beautiful big, lacy flower, the largest type of aster, like a glorified giant Grego. Blooms earlier than other giant sorts with good stems and has curled and interlaced petals in abundance to form; 5 inch flowers of splendid cutting and keeping quality. **Trade pkt., 50c; ¼ oz., $1.00; oz., $3.50.**

BEGONIA, Scandinavia. A new outstanding large-flowered pink variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering. **Trade pkt., $1.50; 3 trade pkts. for $4.00.**

BEGONIA Double Tuberous Rooted Camellia Flowered Mixed Super Quality. This stock is grown from the most famous English Strain—Reselected and Improved. It is the very finest obtainable. The colors in the mixture are Pink, Rose, Crimson Rose, American Beauty, Cardinal, Dark Red, Apricot, Orange, Flame Orange, Yellow, Scarlet, Light Salmon and Dark Salmon. **Trade pkt., $1.00.**

BEGONIA Multiflora Fl. Pl. Mrs. Helen Harms. Heretofore it has been necessary to propagate this delightful Begonia by means of cuttings. Now we can offer seed which will produce about 90% double flowers. The flowers are a deep canary yellow and are about 1½ in. in diameter. The foliage is small, being narrow and oblong in shape. **Trade pkt., $1.00.**

BEGONIA, Tuberous Rooted Multiflora, Dwarf Double Mixed. Produces many double and semi-double flowers on dwarf compact plants in many lovely colors. **Trade pkt., 50c.**

BEGONIA, Semperflorens Glow. This fine new Begonia is especially suited for pot culture; foliage a rich bronze, flowers glowing scarlet. **Trade pkt., $1.00; 1/64 oz., $1.50.**

AGERATUM BLUE CAP RESELECTED

CALCEOLARIA, Hybrida Grandiflora Triumph Strain. An excellent strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage, not so woolly as is sometimes seen in Calceolaria. **Trade pkt., $1.25; 1/64 oz., $3.50; 1/32 oz., $6.00.**

CALENDULA, Orange Fantasy Crested. New, true and distinct. A type never before seen. The first few rows of petals on the outside are long and beautifully twisted; the inner petals are short and fantastically curled and interlaced, piling up on top of each other in irregular fashion so as to form a heavy crest which surrounds a large, attractive, mahogany-bronze center. Flowers grow 3¾ inches across and are of an exceptionally deep but pleasing bronzy or coppery orange with petals edged deep mahogany-red. The plants grow 15 inches tall. **Trade pkt., 25c; oz., $1.00.**

CELOSIA, Royal Velvet. This 2-foot plant produces a large center head and numerous large, long-stemmed cockscombs of richest carmine, or crimson, color on basal branches. The combs are borne erect, and the foliage is bronzy green with reddish margins. **Trade pkt., 25c.**

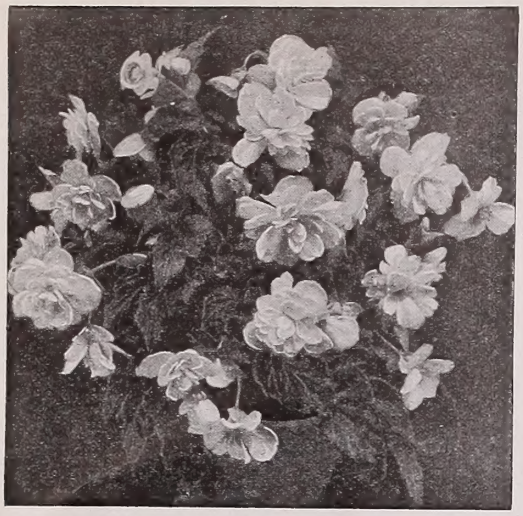
CHRYSANTHEMUM, Golden Crown. Has the robust constitution of the Coronarium varieties, making vigorous well-branched plants 3 to 4 feet in height. The flowers are produced freely, and one plant will carry as many as 50 to 60 blooms. The foliage, an attractive silvery green, contrasts admirably with the bright butter-yellow flowers. The most outstanding feature of this novelty is, however, the formation of the flower. The petals are quilled and this quilling has a beautifying effect. **Trade pkt., 25c.**

CHRYSANTHEMUM Inodorum Plenissima Snow Carpet. Grows from 10 to 12 inches tall and has nice double white flowers which are about two inches in diameter. The foliage is dark green and quite lacey in appearance. **Trade pkt., 50c.**

CHRYSANTHEMUM Carinatum Fimbriatum Fl. Pl. Double Fringed, Improved Hybrids, choice mixed. Rich colours, special selection for colours and doubleness. **Trade pkt., 25c; oz., $1.40.**

Petunia on Front Cover

1. **Golden Jubilee. Trade pkt., 75c; 1/64 oz., $1.50.**
2. **Snow Storm. Trade pkt., 75c; 1/64 oz., $1.75; 1/32 oz., $3.00.**
3. **All Double Loveliness. 500 seeds, $1.25; 1,000 seeds, $2.00; 3,000 seeds, $5.00; 1/128 oz., $3.50.**
4. **Queen of Market. Trade pkt., 50c; 1/64 oz., $1.20.**
5. **Salmon Beauty. Trade pkt., 75c; 1/64 oz., $1.50; 1/32 oz., $2.50.**
6. **Copper Scarlet. Trade pkt., 50c; 1/64 oz., $1.50.**
7. **Blue Beauty. Trade pkt., 50c; 1/64 oz., $1.20.**
8. **All Double World Beauty. 500 seeds, $1.25; 1,000 seeds, $2.00; 3,000 seeds, $5.00; 1/64 oz., $6.50; 1/128 oz., $3.50; 1/32 oz., $12.50; 1/16 oz., $20.00.**



BEGONIA MULTIFLORA FL. PL. MRS. HELEN HARMS

CONVOLVULUS, Crimson Rambler. The Morning Glory and Ipomoea are necessary for the frame work or "back drop" of gardens so this gorgeous new variety will be welcome. The plant makes a dense mat of vines covered with lovely crimson flowers. **Trade pkt., 25c; oz., $1.00.**

CYNOGLOSSUM Firmament. A new dwarf type of the Chinese Forget-Me-Not. It grows fifteen to eighteen inches tall, bushy, with flowers of rich blue. It can also be used as a cut flower. Does not grow weedy or rank. **Trade pkt., 35c.**

ECHIUM, Blue Bedder. Deep bright blue flowers in new compact variety. **Trade pkt., 15c; ¼ oz., 25c; oz., 80c.**

ESCHOLTZIA, Monarch Art Shades. A compact strain of large-flowering Escholtzia in mixture which carries its flowers well above the foliage and is ideal for bedding. Entirely distinct from all other types, with neat feathered foliage, above which the flowers are freely produced. Semi-double, and of exquisite formation, the colors range through light rose to deep rose and carmine, and from deep golden yellow through all the varying tones to orange and scarlet. An almost metallic sheen gives an effect of exceptional brilliance in color and substance in flower. **Trade pkt., 25c; ¼ oz., 50c; oz., $1.80.**

FREESIAS Tubergenii. The singular form and delicious perfume of this flower have made it a great favorite. Yields a profusion of bloom and can be flowered in six months from sowing. The shades run from yellow to bronze, bronzy pink, deep rose and mauve. A favorite for conservatory decoration or for cutting. **⅛ oz., 35c; ¼ oz., 60c; oz., $1.80; 4 oz., $6.50; lb., $24.00.**

GODETIA, Double Sybil Sherwood. The flowers are produced in profusion causing the Azalea-like plant to completely hide its foliage beneath a canopy of beautiful bright salmon pink, white edged flowers. **Trade pkt., 25c; ¼ oz., 50c; oz., $1.60.**

SUNFLOWER New Double Red. Double-flowering form of Red Sunflower. Flowers are just as large as chrysanthemum-flowered Sunflower with the characteristic brownish red color as found in ordinary Red Sunflower. Shows some variation in color and doubleness. Average percentage of doubleness runs about 40%. **Trade pkt., 20c; oz., $1.80.**

HOLLYHOCK Indian Spring. Throws a central stem from the base of the plant, which finally attains to six feet or more in height. Flowering branches are produced freely from about a foot from the soil. Both stem and branches produce a continuous display of flowers. The fig-leaved foliage is light and attractive. Indian Spring, however, produces a compact pyramidal plant, with a wealth of flowers set attractively in the axils of the leaf stems. **Trade pkt., 50c; ¼ oz., $2.25; oz., $8.00.**

IMPATIENS

These make splendid pot plants and bloom over a long period of time.

Sultani, Queen Carola. A charming new color in this group, a lovely chamois. **500 seeds, 50c.**

Sultani, Nana Scarlet. A vivid brilliant carmine red. **1,000 seeds, 50c.**

Sultani, Nana, Mixed. A mixture of the dwarf varieties. **500 seeds, 50c; 1/64 oz., $1.00.**

IPOMOEA, New Giant Cornell. The flowers, as large as Heavenly Blue, are an intense carnelian red with pure white border, reproducing the colors of Cornell University. Growth is rapid and flowers come early, when vine is two feet tall, increasing in number until killing frosts arrive. **Trade pkt., 25c; ¼ oz., 50c; oz., $1.60.**

IPOMOEA, Scarlett O'Hara. Gold medal award of "All-America Awards." Blooms early, flowers a carnelian red sometimes called carmine, self color about 3½ in. across, stays open longer than other sorts. Foliage is quite distinct, each leaf having one large and two small side lobes. Growth starts a bit slowly and it is better to help it start twining. **Trade pkt., 50c; ¼ oz., $1.00; oz., $3.00.**

LOBELIA Compacta Duplex. Semi-double gentian blue flower. **Trade pkt., 50c.**

MARIGOLD

Burpee Gold. Flowers are large, 3½ inches across, rich deep orange in color and Carnation-like in form; they are fully double with no singles. Plants are of an attractive habit, uniform in growth and above all the foliage is absolutely free from the usual Marigold odor. **Trade pkt., 35c; ¼ oz., 65c; oz., $2.35.**

Burpee's Red and Gold Hybrids. They grow 2½ to 3 in. across. Some are solid red with a brilliance never before seen in Marigolds; others are delightful combinations of red and gold. The flowers vary in color according to season and even in different flowers on the same plant at the same time. At times they are almost pure golden-yellow and at other times bright rich mahogany-scarlet. In vividness and richness, the coloring is unsurpassed. **Trade pkt., 50c.**

Golden Glow. On account of this most striking resemblance, this new Marigold has been named "Golden Glow." The color is a bright, sharp golden-yellow. The flower heads are almost globular in form and measure 2½ inches across. They are fully double and consist of hundreds of long tapering petals. The plants grow 26 inches high and 30 inches wide, forming very symmetrical cone-shaped mounds completely covered with flowers over the entire plant. The odorless foliage and the long branches with their clusters of flowers make this a fine Marigold for cutting, and the symmetrical free-flowering plants are splendid for beds or borders. **Trade pkt., 35c; ¼ oz., 65c; oz., $2.35.**

NASTURTIUM Double Tall Indian Chief. Has the dark foliage and vivid scarlet flowers of the Single Fireball. Blooms are sweetly scented and freely produced. **¼ oz., 40c; oz., $1.40.**

NEMESIA, Brightness. A dwarf growing variety for bedding. The color is brilliant cherry red and a mass of these plants is a very vivid display. **Trade pkt., 35c.**

NIEREMBERGIA Hippomanica. Grows not more than 4 to 6 inches high, forms a cushion of elegant light green foliage from which emerge corymbs of salver shaped flowers of a delicate lavender hue, 1 to 1¼ inches across, adorned with a clear yellow eye. **Trade pkt., 50c; 1/16 oz., $2.00.**

IMPATIENS SULTANI NANA

NIGELLA, Hispanica Dragon Fly. This is quite distinct from the Miss Jekyll type. The flower is single with thick fleshy petals and strong sturdy stem. It grows from 15 to 18 inches in height—branches well. The flowers are rich dark blue with a delightful sheen on the flowers which adds to its attraction. **Trade pkt., 20c; oz., $1.00.**

NOLANA Lanceolata "Blue Ensign". This is a form of the Chilean Bellflower which was brought from South America several years ago, and has since been converted by careful cultivation into a much superior plant. It can be effectively grown either under glass or in the open ground. In pots it will grow 12 to 15 inches high, or when put outdoors it spreads a little and throws up its lovely large ultramarine-blue flowers on stems 5 or 6 inches high. In shape these strongly resemble an Ipomoea and their beauty is much enhanced by the large pure white centre, which has a charming effect. Seed should be sown in spring and the plants put out about the end of April, or it may be sown outdoors in May where the plants are to bloom. Not the least of the attractions of this beautiful flower is its very agreeable odor. **Trade pkt., 50c.**

PANSY

Don's Winter Flowering Reselected Cutflower Mixed. Fine winter flowering strain producing long stems, making it excellent for cutting. Although the color range is not complete, it is in our opinion the best blend yet developed. **½ Trade pkt., $1.00; trade pkt. (about 1,000 seeds), $2.00.**

Orchid Flowering Eldorado (Art Shades). Large, well formed flowers of good substance, exquisitely frilled, including only the pretty tints and combinations of cream, primrose, pale mauve and other delicate shades. Of robust growth, having dark green heavy leaves. **Trade pkt., 35c; ¼ oz., $1.10; oz., $3.80.**

Swiss Coronation Gold. The largest pure gold self-coloured pansy with good petal-substance and a long flowering period. A true self colour in the Swiss Giant class. **Trade pkt., $1.00; ⅛ oz., $1.50; ¼ oz., $2.80; oz., $10.00.**

PETUNIA

Hybrida, Hollywood Star. This is a distinct novelty with five pointed star shaped flowers of rose pink with creamy yellow throats. Leaves are narrow and elongated. Plants are at first bushy and erect, growing rather rankly toward the end of the season. Early blooming and prolific all season until killing frost. **Trade pkt., 50c.**

Single Small-Flowered Dwarf-Admiral. Re-selected. This is by far the best of the dwarf blue petunias. The flowers are of good size, have wavy edges and are of clear blue. **Trade pkt., 75c; 1/32 oz., $1.75.**

Nana Compacta Dwarf Flaming Velvet (King Henry). Compact, globular habit, large blooms of a velvety blood red color on short stems—a Dwarf Flaming Velvet. **Trade pkt., 50c; 1/32 oz., $1.20.**

Single Small Flowering Dwarf "Ladybird." This fine, compact Petunia of extraordinary brilliance was produced a few years ago by crossing the carmine variety "Queen of the Market" with a single flowering plant of the favourite Lilliput variety "Rosa Bonheur." The first is responsible for the outstanding colour, the bright carmine overlaid with scarlet. On the other hand, the Lilliput strain gave this novelty its dwarf, bushy, growth with the small, round flowers. Petunia "Ladybird" is a charming pot plant. **Trade pkt., 75c.**

Single Small-Flowered Dwarf, Rose of Heaven Supreme. The best strain on the market. One of our "finds" on an inspection tour. **Trade pkt., 50c; 1/16 oz., $1.20.**

Single Small-Flowered Dwarf, Salmon Supreme. Distinct new light salmon color. Flowers about 1½ inch across with white throat and plain petals. **Trade pkt., 50c; 1/16 oz., $2.50.**

Nana Compacta Grandiflora, Velvet Ball. This new compact and procumbent Petunia is of the same deep velvety crimson color, as were the best plants in the variety Flaming Velvet, which latter sort has proved so popular. The flowers are much larger than those of any other compact variety. **Trade pkt., 75c; 1/32 oz., $1.35; 1/16 oz., $2.50.**

Large Single Plain Edged, Blue Beauty. A new large flowering Petunia of clear, deep blue. Flowers of extra large size on plants of vigorous growth. Extremely free flowering. **Trade pkt., 50c; 1/64 oz., $1.20.**

Large Single Plain Edged, Giant Flaming Velvet. Vivid velvety blood red comes 100% true. **Trade pkt., 50c; 1/64 oz., $1.20.**

Grandiflora Fringed Colorado Sunset. Dwarf, fringed, rose pink. Makes a fine pot plant. In bloom all summer. 18 inches. **Trade pkt., 50c; 1/64 oz., $1.50; 1/32 oz., $2.50.**

PETUNIA—Continued

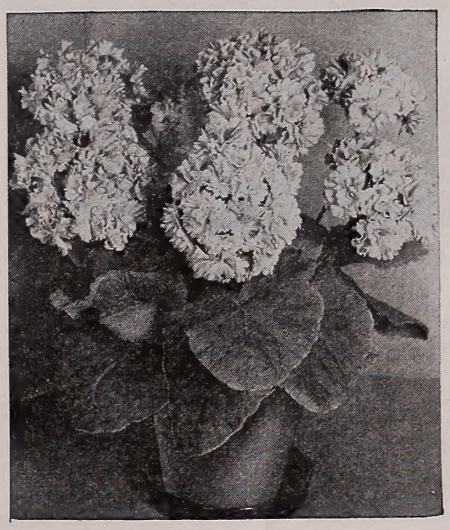
Ruffled Giants, Harlequin. Copper-red and white. **Trade pkt., 50c; 1/64 oz., $1.20.**

All Double Appleblossom. It is of the Victorious type, dwarf, large flowered, double fringed flowers on 12 to 15 inch plants. Ideal plants—are dwarf with huge double appleblossom pink flowers. There are a number of carnation flowered or smaller semi-double flowers, mostly of deeper shades and these are borne on taller, more bushy plants. **500 seeds, $1.25; 1,000 seeds, $2.00; 3,000 seeds, $5.00.**

All Double Dwarf Giant Fringed Pure White (Snowball). 500 seeds, $1.25; 1,000 seeds, $2.00; 3,000 seeds, $5.00.

PHLOX Gigantea Salmon Glory. The individual florets are gigantic, measuring with ordinary field culture from 1¼ to 1½ inches in diameter. The color is a pure salmon pink with a distinct creamy-white eye. This combination with its clear, clean, crisp appearance, makes one of the most beautiful color combinations we have ever seen. Salmon Glory won a silver medal in "All-America." Fine for cutting. **Trade pkt., 50c.**

PORTULACA, Double Scarlet Glow. A fine orange scarlet; makes a brilliant drift of color in a sunny spot. **Trade pkt., 35c; ¼ oz., 90c; oz., $3.00.**



PRIMULA OBCONICA

Double Portland Beauty

Ranging in color from light pink to rose-pink, this fine variety takes a prominent position in the Primula Obconica class. Coming about 80 per cent full double, the flowers are borne on long stems that are exceptionally valuable for florist work. Also, the flowers open slowly so that the selling season is materially lengthened.

Trade pkt. (750 seeds).....$1.50

PRIMULA Obconica Grandiflora, Sky-blue or Konigsee. A marked improvement in color and size of flower of the original strain. **Trade pkt., $1.00.**

RUDBECKIA, Kelvedon Star Double. A fine double form of this interesting annual in autumnal shades. Long stems suitable for cutting. **Trade pkt., 25c; ¼ oz., 50c; oz., $1.80.**

SALVIA Splendens Fire Charm. A very dwarf form of Fireball. Very early flowering, fine for planting combination baskets or boxes. Sow late in spring for early summer bloom. This sort will flower in a two-inch pot. **500 seeds, 90c; 1,000 seeds, $1.60; ¼ oz., $2.80; oz., $10.00.**

SCABIOSA Blue Moon. The flower form is different. Instead of a flower composed of a few rows of broad petals surmounted by a flat pincushion-like top of small petals, this new type has flowers composed entirely of broad, heavy, wavy petals, eliminating the pincushion center entirely. The color is a rich deep lavender blue. **Trade pkt., 35c; ¼ oz., 85c; oz., $3.00.**

SEDUM Bellum "Dondo." A new winter-blooming pot plant. This new sedum forms dense little clumps literally covered with small white flowers. The plants grow 10 to 12 inches in height and when older the fleshly branches hang over the edge of the pots forming a most charming and attractive subject. **Trade pkt., 60c.**

STATICE Sinuata Bouquet Flowered. A basal branching, upright grower producing stems 20 to 24 inches long, each plant throwing from 15 to 20 stems. Its color is slightly darker than Kampf's. An excellent variety for basket and bouquet work. **Trade pkt., 15c; oz., 80c.**

STATICE Sinuata Pale Violet with Yellow Center. Truly outstanding color combination. **Trade pkt., 15c; oz., 80c.**

STATICE Sinuata Market Growers' Deep Blue. Excellent cut flower used either in the growing state or dried. **Trade pkt., 15c; oz., 80c.**

SALVIA SPLENDENS FIRE CHARM.

STEVIA Lindleyana. Is very useful for florist work. It needs to be sown in March indoors; prick out in frame and transplant into the open after spring-frosts are over. **Trade pkt., 50c; 1/8 oz., $1.00.**

SWEET PEAS EARLY FLOWERING SPENCER

Delicious. The color is hard to describe. It reminds one of crushed strawberries and Devonshire cream blended together in a delicious combination. **Oz., 60c; 4 oz., $1.85; lb., $6.00.**

Iris. Its color is a deep "Iris Blue" with the wide spread wings keeping to a bit lighter hue than the standard which is very broad and quite wavy. **Oz., 90c; 4 oz., $3.00; lb., $10.00.**

Navy Blue. Color is a rich dark blue, four flowers to a stem, long stiff stems and a vigorous grower. **Oz., 90c; 4 oz., $3.00; lb., $10.00.**

Rose Picotee. Pure white with a salmon-rose edging or picotee. It is definitely a new color in the early group. **Oz., $1.00; 4 oz., $3.50; lb., $12.00.**

Titania. Mammoth flowered deep rose self, the white ground at the base of the standard and wings enhances its beauty. **Oz., 90c; 4 oz., $3.00; lb., $10.00.**

Treasure Island. This beautiful new Sweet Pea will be featured in one of the scenic courts at Treasure Island in San Francisco Bay during the Golden Gate International Exposition next year. A sparkling golden orange, very large flowered and semi-duplexed. **Pkt., 35c.**

White Champion. Pure white variety with long stems. An Australian variety which has become popular in Los Angeles Market. **Oz., 30c; 4 oz., $1.00; lb., $3.40.**

Zvolanek's Supreme Orange. Clear orange, large flowers, long stems. **Oz., 40c; 4 oz., $1.15; lb., $4.00.**

SUMMER FLOWERING SPENCER NOVELTIES

Fairyland. Is a light rich rose-pink suffused on a heavy creamy ground. The huge four and five flowered sprays are carried on long stout stems. **Trade pkt., 35c.**

Rarity. White ground, the front on standard and wings being faintly flaked with bright orange-cerise. Certificate of Merit at 1937 Scottish Sweet Pea Trials. **Trade pkt., 35c.**

Vista. Is a clear light purple on a white ground without any blue in the tone. Large waved flowers borne in fours, often fives, on long stems. **Trade pkt., 35c.**

Multiflora Abundance. A bright mauve approaching orchid. **Oz., 60c; 1/4 lb., $1.65; lb., $6.00.**

STOCKS, NON-BRANCHING COLUMN

Vaughan's White No. 1. By personal inspection this strain is, in our judgment, the finest pure white Non-Branching Column Stock in existence. **1/2 Trade pkt., 60c; Trade pkt., $1.00; 1/8 oz., $1.50; 1/4 oz., $2.50; oz., $9.00.**

STRAWBERRY BARON SOLEMACHER

A Good Mother's Day Item.

The creation of a European specialist and the result of 35 years of cultivation. It is of the small fruited Alpine type and produces compact plants without runners. Plant seed in pots from January to April, keeping evenly moist and shaded. These seedlings will produce abundant fruit the first summer and continue bearing right into autumn. **Trade pkt., 50c; 1/16 oz., $1.30; 1/8 oz., $2.00.**

Baron Solemacher. Yellow Fruited. A counterpart of the above variety, except that the fruit is golden and of an even finer flavor. **Trade pkt., 50c; 1/16 oz., $1.50.**

URSINIA, Pulchra. This family is undoubtedly one of the finest of recently introduced annuals. Pulchra is a dwarf variety with rich orange flowers and delicately cut foliage. **Trade pkt., 25c; 1/4 oz., 50c; oz., $1.80.**

VERBENA Blue Sentinel. A compact erect variety, a rich navy blue self color with medium size florets and trusses. Plants are 10 to 12 inches high, the trusses are held erect above the foliage. **Trade pkt., 50c.**

ZINNIA, Fantasy White Light. This variety is about as pure white as a Zinnia comes and the trials showed it quite true. It has curled and crested petals and medium size flowers on 2 1/2 to 3 ft. bushy plants. **Trade pkt., 35c; 1/4 oz., 75c; oz., $2.75.**

ZINNIA, Fantasy Orange Lady. Orange Lady brings to the Fantasy group a rich shade of deep bright orange, equally desirable. The medium-sized, 2 1/2 to 3 inch rounded flowers are shaggy and gay in appearance, a colorful spot of color in the garden and extremely desirable for cutting. **Trade pkt., 35c; 1/4 oz., 75c; oz., $2.75.**

ZINNIA, Fantasy Rosalie. The delicate, informal flowers, composed of a mass of shaggy, ray-like petals are quite distinct from the stiff formal flowers we have grown previously. The color is a bright, intense rose. Plants are neat in habit, strong growing and free-flowering. **Trade pkt., 35c; 1/4 oz., 75c; oz., $2.75.**

STRAWBERRY BARON SOLEMACHER.
Runnerless Strawberry

Vaughan's Perennial Seeds for 1939

SHASTA DAISY GIANT DOUBLE

ACONITUM, Wilsoni Barker's Variety. This variety is more vigorous than the type, but the outstanding feature is the branching habit of the flower spike. The main spike is surrounded by a number of smaller spikes. The color of the flowers is a pretty shade of amethyst blue, considerably darker than Wilsoni. **Trade pkt., 35c; ¼ oz., 85c; oz., $3.00.**

AQUILEGIA, Oxysepala. Beautiful, short spurred and periwinkle blue, is one of the loveliest of columbines. The same shade as Aquilegia Coerulea but comes a month earlier. Sepals solid blue, much exceeding in length the petals, which are tipped with white —a very dainty touch—an addition to spring border as it comes at the time of the Darwin Tulips and Daphne Cneorum. **Trade pkt., 50c.**

AQUILEGIA, Coerulea, Mrs. Nicholls. This is a glorified Coerulea, large flowers and long spurs, and strong habit. **Trade pkt., 50c; ⅛ oz., $1.20.**

AQUILEGIA Buergeriana. One of the most beautiful and popular of hardy plants, 1 ft. high, charming delicate, yellow flowers tinted with purple. Will certainly add interest to the perennial border. **Trade pkt., 50c.**

ARABIS Alpina, Snow Cap. Extremely dwarf and compact habit —really shining snow white cushions of flowers. **Trade pkt., 35c; ¼ oz., $1.20; oz., $4.00.**

ASPARAGUS Lace Veil. New lovely feathered foliage, light passing to dark green. Better than asparagus Verticillatus and just as hardy. **100 seeds, $1.20; 250 seeds, $2.75; 1000 seeds, $10.00.**

CHRYSANTHEMUMS, Korean Hybrids. Easy to grow—sown in the spring they'll bloom this fall. That's the appeal of these beautiful, hardy Korean Hybrid Chrysanthemums. Every gardening fan will enjoy growing them. Magnificent colors. Compact bushes, virtually covered with flowers; showy, unexcelled for cutting. Earliest blooming—the first of the season. **Trade pkt., $1.00; ⅛ oz., $2.00.**

DAISY SHASTA Diener's New Giant Double Ever-Flowering Shasta Daisy G. Marconi. The largest Shasta Daisy today, the flowers are around seven inches in diameter and stems 2½ to 3 ft. long. Originator's seed. **Pkt., 25 seeds, 50c.**

DAISY SHASTA Diener's Fancy Chiffon Shasta Daisy Glendale. The flowers are 2 inches across have fringed and laciniated petals, interlaced, which are borne on strong stems. Seed from originator. **Pkt., 25c.**

Delphinium Pacific Hybrids, see General Perennial List.

DIANTHUS, New Blue. A new Dianthus which is proving very popular; it was found in Japan, growing in the mountain crevices. The color is a bright lavender-blue, the foliage is deep green, and the flowers are in trusses about 9 inches high. Flowers in July, August, and September. **100 seeds, $1.00 net.**

GAILLARDIA Grandiflora Chloe. A new and attractive color—Indian yellow. **Trade pkt., 35c; ¼ oz., 70c; oz., $2.40.**

HOLLYHOCK, Double Scarlet Beauty. A very fine new color which is a welcome addition to this family. **Trade pkt., 35c; oz., $1.80.**

JASIONE Humilis. A real gem, growing 4 to 8 in. high, producing heads of bright blue flowers in June and more or less during rest of Summer, if seed pods are not allowed to form. Easily grown from seed. **Trade pkt., 35c.**

LAVENDER Spica Munstead strain. A most valuable variety producing large sweet scented flowers in abundance. It flowers a month earlier than the common Lavender, height not exceeding 1 ft. A valuable subject for massing in small beds, fronts of borders or rock gardens. **Trade pkt., 25c; ¼ oz., 70c.**

LAVENDER Vera Rose, White and Blue mixed. Trade pkt., 35c.

LILIUM Candidum Saloniki. A vigorous strain with pure white flowers on dark stem. **Trade pkt., 50c.**

LILIUM Longiflorum Praecox White Queen. Snowy white, pendant flowers with wider segments and more expanded than type. Quick blooming, well within 12 months from seed. **½ Trade pkt., 60c; Trade pkt., $1.00; ⅛ oz., $1.75; oz., $12.00.**

Lupinus Russell, see General Perennial List.

POPPY, Latiritium. Is a distinct species. The foliage is feathery with a slight blue silvery cast. Flowers are terra cotta, tinted roseate salmon borne on 20 in. stems, a single flower to each stem. True perennial. Grow in well drained location. **Trade pkt., 50c.**

PLATYCODON Double Blue. A double and semi-double form of this popular perennial. **Trade pkt., 30c; ¼ oz., 60c; oz., $2.00.**

PRIMULA Veris Colossea, Mixed. The large heads of flowers are borne on very long and stiff stalks quite above the foliage and have proven to be very valuable as cutflowers for early forcing. The flowers which are freely produced are extremely large, measuring more than 1¾-inch across. The range of colors is most remarkable, including many quite new shades of lilac, pink, copper as well as the darkest red. **Trade pkt., 75c.**

PYRETHRUM family has several additions this season, among them the Robinson Hybrids, a lovely giant flowered variety, and Robinson's Dark Crimson, selected from the former, and two new colors in the doubles.

Robinson Giant Hybrids Mixed. Trade pkt., 50c; ¼ oz., 90c; oz., $3.20.

Robinson Dark Crimson. Trade pkt., 50c; ¼ oz., 90c; oz., $3.20.

Double Blood Red. Trade pkt., $1.00.

Double Sulphur Yellow. Trade pkt., $1.00.

RANUNCULUS, Asiaticus, Claremont Hybrids. Large well formed flowers, great range of color. **Trade pkt., 75c; ¼ oz., $1.40; oz., $5.00.**

Claremont Sunset. Orange. **Trade pkt., 75c; oz., $6.00.**

Bonnie Lass. Pink. **Trade pkt., 75c; oz., $6.00.**

Huntsman. Red. **Trade pkt., 75c; oz., $6.00.**

SWEET WILLIAM Single "Midget" Mixed Colors. The habit of this Sweet William Dwarf Alpine Mixed is of a ball type, grows from three to four inches tall. The stock is very uniform in habit, each plant being about the same size, both in height and circumference. Our blend contains a wonderful color balance. The blooms, which almost entirely cover the foliage, are quite large flowered. This little Sweet William should make a wonderful perennial border and pot plant. The color range is from white chamois, salmon, scarlet, brick red to maroon, with most of the blooms being tri-colored. **Trade pkt., 35c; ¼ oz., 90c; oz., $3.00.**

VERBENA Bonariensis. Upright growing, slender branched stems, numerous terminal umbels of rosy lavender flowers. **Trade pkt., 50c; ¼ oz., $1.25; oz., $4.25.**

RUDBECKIA, Herbstwald (Autumn Tints). A perennial which blooms the first year from seed sown in March, furnishes admirable cut flowers until late fall. Large starflowers of fiery autumn are borne on long wiry stems. They prefer a sunny location. **Trade pkt., 25c; ¼ oz., 50c; oz., $1.80.**

THALICTRUM Dipterocarpum Album. A beautiful white form, comes fairly true from seed. **Trade pkt., 25c; ¼ oz., 60c.**

VIOLA Cornuta, Blue Beauty. Where the summers are long and warm, the Violas may be grown instead of pansies as they are in bloom early and continue the entire season through. This is a new bright blue; a charming addition to our list. **Trade pkt., 35c; ⅛ oz., 65c; oz., $4.00.**

Vaughan's The World's Best Flower Seeds

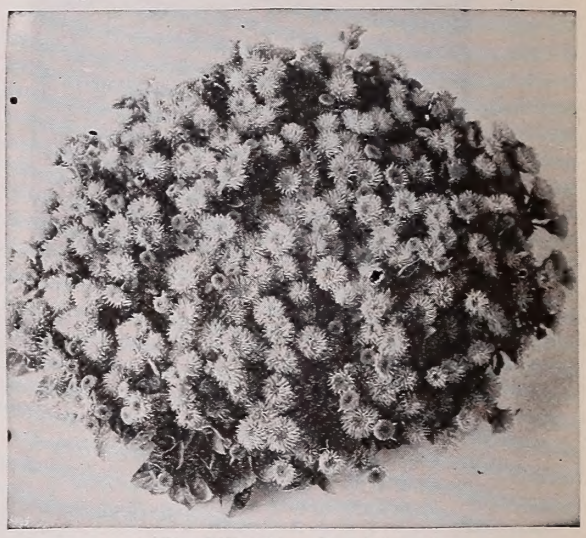
Seeds supplied to florists by Vaughan's Seed Store are gathered from all over the world, each from that section where either the experience of the grower, or conditions of soil and climate, or all of these factors, produce the best seed of its kind.

Seeds cannot be judged, as are most other goods by inspection. Little can be told about the flowers they will develop from any test of the seed themselves except the test of growing. We purchase them only from growers whom we know to be experienced and reliable; and you must depend upon our ability, experience and integrity.

Seed buying requires that we keep in constant touch with our growers throughout the world, and check the seeds we buy of them constantly. Last summer Carl V. Cropp spent two months in Europe, visiting and inspecting the growing crops of our sources in France, Germany, Holland and England. Notes were taken at every visit for study and comparison later, so that we would be certain to buy the very finest strains.

Carl Cropp, vice-president of Vaughan's Seed Store since 1884, made a trip of inspection to the California Flower seed farms, and passed much of the summer in checking trials in our extensive test garden at Western Springs, Ill. Here were grown hundreds of tests as well as the All-America trials of new introductions of which Mr. Cropp is one of the judges.

Neither time nor expense is spared to insure that we can offer to our customers the best seeds obtainable in the world.



AGERATUM Blue Cap Selected.
Trade pkt., 35c; ¼ oz., $1.00; 1 oz., $3.00.

TESTING AND TRIALS

Every lot of flower seed sold by us is tested in OUR OWN laboratory, where we prove the germination and make certain that the percentage is up to the high level of our standards. Trueness to type is determined and checked by the hundreds of tests grown in our greenhouses and trial grounds. This summer we conducted a series of approximately six hundred trials of various varieties to further check on the reliability of our seed.

Flower Seeds for Summer Sowing.—We issue a special catalog in June. Should you fail to receive one, please write for it.

For Seeds of Perennials and Biennials, see pages 34 to 47.

Trade packets contain considerably more seed than ordinary or retail packets, being based on Florists' needs for ordinary purposes.

Florists invariably get trade packets unless otherwise specified.

Quantities of ¼ lb. and over are charged at the pound rate; unless stated otherwise, ⅛ lb. at the oz. rate; ½ oz. at the ounce rate, but only when the price per ounce is 40c or more, and is not otherwise quoted.

We do not sell ½ oz. where the price per ounce is 15c or less.

Cash Discount.—On orders from this catalog over $2.00 for flower seeds, if cash is enclosed, 5 per cent.

	Trade pkt.	Oz.
Abronia Umbellata. (Sand Verbena) Rose, 10 in....	$0.10	$0.50
Abutilon (Flowering Maple). Hybridum Maximum, bloom in six months from time of sowing, very large flowers in various shades. Fine for pots and bedding.....⅛ oz., $1.20	.35	....
Achimenes Mixed. Greenhouse pot plant. Flowers tube-shaped in many attractive colors. Fine for hanging baskets and pot plants.....1500 seeds	1.00	....
Acrolinium Double Giant Mixture. Excellent fresh cut flower. When used for winter bouquets, cut when buds begin to open.....lb., $8.00	.15	.80
Adonis Aleppica. Large shining deep blood-red flowers, lively green feathery foliage. 2½ ft.....¼ oz., 70c	.30	2.40
Agapanthus Umbellatus (Blue Lily of the Nile). Does well out of doors in all southern states...¼ oz., 65c	.35	2.20

AGERATUM

Sow seed early to have good sized plants for spring. Plants from seed will vary some in habit.

Mexicanum. Blue, for cutting. 2 ft.....	.10	.40
Album White, 2 ft.....	.10	.40
Blue Ball. Fine dwarf rich blue variety.....	.15	.80
Blue Cap Selected. Dwarf compact habit with larger flowers than Little Blue Star and deeper in color.....¼ oz.,, $1.00	.35	3.00
Fairy Pink. Dwarf and compact habit, flowers delightful soft salmon-rose.....	.50	....
Little Blue Star. Tiny bushes, flowers light blue with red center, 4 in.....¼ oz., 60c	.25	2.00
Improved Blue Perfection. Deep and rich blue...	.20	1.00
Little Silver Star. Silver grey star-like flowers, 4 in.	.25	2.20
Venus, Pink. 6 in.....¼ oz., 50c	.25	1.80
Lasseauxi. Fine pink, good cut-flowers, 2 ft.....	.20	1.40

Agrostemma Coeli-Rosa (Rose of Heaven). Rose, 12 in.	.10	.20
Aloe Variegata or "Tiger-Aloe," the finest and most favored quick-growing succulent with beautifully variegated leaves. 100 seeds, $1.00; 1000 seeds, $8.00.		
Alyssum Maritimum (Sweet Alyssum). 10 in. lb., $1.80	.10	.20

ALYSSUM—Continued

	Trade Pkt.	Oz.
Snow Cloth. A special selection, each plant absolutely flat and a compact mass of white without green center. Seed saved from transplanted seedlings only. This variety comes into bloom two weeks earlier than other varieties.....lb., $8.00	$0.15	$0.80
Compactum Lutescens. Straw yellow, 6 in.....	.10	.40
Lilac Queen. Pale lilac flowers, color deepens with cooler weather, 5 in.....	.15	.50
Vaughan's Little Gem. This is a special strain of extra dwarf, flatplants—ideal for edging and not to be confused with Compactum Erectum which is usually sold for Little Gem. 4 in.....lb., $6.00	.15	.60
Amaranthus Molten Fire. Fiery crimson and maroon .....¼ oz., 25c	.15	.80
Salicifolius (Fountain Plant). Green with bronze, tops blood-red, showy, 30 in.....	.15	.60
Ammobium Alatum Grandiflorum. White, 18 in.	.10	.30
Anagallis Grandiflora Coerulea. Dark blue. 10 in....	.15	.60
Grandiflora, Mixed. Rich and showy.....	.15	.50
Anchusa Capensis, Blue Bird. Vivid indigo, 18 in....	.15	.50

Antirrhinum (Snaps)

"Majestic" Half Dwarf Sorts

A new type of Snaps, with flowers of the Maximum sorts and in height of the "Half Dwarfs." An exceptionally good variety for plant sales and bedding work.

	Trade pkt.	Oz.
Avalanche. Pure white.....¼ oz., 80c	$0.25	....
Celestial. Salmon rose flowers on broad compact 10 in. spikes. Award of Merit 1938 All American.....	.50	....
Delight. Pink and apricot.....	.25	....
Eldorado. Rich deep golden yellow.....¼ oz., 50c	.25	....
Golden Dawn. Golden buff, overlaid salmon ¼ oz., 50c	.25	....
Evensong. Chamois pink.....	.25	....
Orange King. Rich orange.....¼ oz., 50c	.25	....
Red Chief. Rich deep scarlet.....¼ oz., 60c	.25	....
Rose Beauty. Rose-pink self.....¼ oz., 60c	.25	....
Rose Marie. Light salmon, gold center.....¼ oz., 60c	.25	....
Twilight. Delicate rosy salmon.....¼ oz., 60c	.25	....
Majestic Varieties, mixed.....¼ oz., 50c	.25	....

"SNAPS" For Greenhouse Forcing

SPECIAL OFFER — WHERE PRICE IS:

$1.00 per pkt., we supply any 3 for $2.50; any 5 for $3.50; any 7 for $4.55
$1.50 per pkt., we supply any 3 for $4.00; any 5 for $6.50 Except White Wonder and
$2.00 per pkt., we supply any 3 for $5.00; any 5 for $7.50 Schumann's Lavender Pink

NOTE: Combination prices apply to orders for one or more varieties.

Varieties preceded by a star (*), are best for early winter flowering.
Varieties followed by a cross (×), we can supply ½ trade pkts. at 60c each.

	Trade Pkt.
*Afterglow. Golden bronze ×	$1.00
Bertha Baur. Charming lavender or orchid shade. The flowers do not shatter, varies	1.00
Captor (Breitmeyer). A pure white snapdragon possessing long-flowering spikes on strong wiry stems. A continuous producer	1.50
Celestial (Witterstaetter). New yellow, long stemmed and large-flowered	1.50
*Ceylon Court. Canary yellow. The best early yellow—our introduction ×	1.00
Cheviot Supreme Appleblossom (Windmiller). In color it resembles Verbena Mayflower. In late Spring the color deepens to salmon rose. It is not as early as Rose Pink Cheviot, coming as its best February 1st. It is more robust than Standard Cheviot and requires more room or severe thinning for best results. Does not shatter	2.00
Cheviot Maid Pure White (Yoder). Flowers well placed	1.00
Cheviot Maid Yellow (Volz)	1.00
*Cheviot Maid, Supreme. Deep rose pink ×	1.00
Christmas Cheer. A shade lighter than Rose Pink Supreme, free blooming, excellent stem and flower spike	2.00
Coate's Yellow Perfection. Deep golden yellow	1.00
Cornwallis. A beautiful bright rose pink, two shades brighter than Rose Queen. Does not require pinching. An A-1 shipper	1.50
Daybreak (Breitmeyer). Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer	1.00
Gilbert's Pink Queen Supreme. This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower heads	2.00
*Glorious (Frank). A highly attractive reddish copper with yellow lip. An entirely new color ½ Trade pkt., $1.25	2.00
*Jennie Schneider. Soft rose pink. Sow early for winter flowering	.50
Kirkwood Beauty. Bronze with a cast of gold—a striking color	1.00
La France (Stachel). A strikingly beautiful silvery pink. Varies	1.50
*Lucky Strike. Well-known pure white, grows three to four feet with splendid full spike of flowers; does not drop or shatter; plant early for winter blooming ×	1.00
Marie Louise (Raasch). Beautiful sea-shell pink. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set and free from grassy growth	2.00
Marion Golden (Schumann). Yellow	1.50
Marion White (Schumann). A real white, large close flowering spike on a strong, sturdy stem, throwing small foliage	1.50
*Miss Wooster (De Witt). The color is a dazzling rich dark bronze. Early blooming; the heads of blooms are very large and compact. It is an ideal shipping variety	1.50
New Cincinnati. The finest light rose	1.00
New Dawn (Thomson). A golden orange, very effective either in daylight or artificial light. A quality Snap; very pleasing color; a fine seller; a continuous bloomer	1.00
*New Deal. Very early, fragrant, golden bronze	1.00
Nicholson Yellow. A striking new bright yellow	1.00
Northern Light (De Witt). The color is a rich golden yellow with pink shadings on the reverse of petals. It holds its colors well in dark weather. Comes on strong stems, flowers large and well placed on the stem	1.00

	Tr. Pkt.
*Peggy Schumann (Schumann). A new medium pink, a large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots. An early bloomer	$2.00
Pink Delight (Breitmeyer). Excellent pink variety for hot weather and early fall cutting	1.50
Radiance (Thomson). A lovely, deep pink	1.00
Roman Gold. A deep golden yellow with a lip a lighter yellow ×	1.00
*Rose Pink Cheviot Supreme (Fred Windmiller). This is a true Cheviot Maid, a single plant selection for early flowering, carrying its color well in dark winter weather and comes almost 100% true to type. ½ trade pkt., $1.00	1.50
Rose Queen (Witterstaetter). Dark pink ×	1.00
Royal Gold (Schumann). An orchid flower, the face old-gold, the upper lip shading from gold to orchid	1.50
Schrock's Orchid. True orchid color with exceptionally long and beautiful spikes	2.00
Snow White (Breitmeyer). Pure white. Sow for late Summer and Fall crops	1.50
Sunburst, Improved. Color of Sunburst rose ×	1.00
*Sunlight. Improved New Deal, finest early golden bronze	1.00
Schumann's Lavender. A true color, produces a strong sturdy stem with a spike of large moderately close flowers. An early variety that will not shatter. If allowed to stand the flowers will dry on the stem to the tip of the spike. For best results it must be pinched low while still in small pots. ½ Trade Pkt., $2.00. Net	3.50
Schumann's Yellow. Is a real yellow, also a strong, sturdy stem with a spike of large well-balanced flowers, an early variety and will not shatter. This must be pinched low for best results ½ Trade Pkt., $2.00. Net	3.50

	Tr. Pkt.
*Suntan. Rose shade of tan with tinge of yellow on lip ×	$1.00
Talisman. Semi-double flowers of the same shade as the Rose.	2.00
Terry's Surprise, Improved. Pink and bronze shades	1.00
Velvet Beauty. Rich American Beauty red in color	1.00
Westover's Fringed White	1.00
*White Prosperity. A pure white	1.50
*White Rock. Early-blooming pure white	.50
White Wonder (Bezdek). A fine pure white, popular on Chi- * cago Market. Net price	2.00
Winter Helen. Lovely salmon-pink, early and winter bloomer	1.00
Greenhouse Varieties Mixed, with pinks predominating	.75

Maximum Giant-Flowered

The flowers are of magnificent size, the individual flowers being 2 to 2½ inches wide on long sturdy stems that are fine for outdoor cut flowers.

		Trade Pkt.
Appleblossom. Rosy-pink, white tube	¼ oz., 35c	$0.15
Bunch of Lilacs. Lilac-purple	¼ oz., 40c	.15
Canary Bird. Canary-yellow	¼ oz., 40c	.15
Copper King (Indian Summer). Copper shades,	¼ oz., 40c	.15
Defiance. Scarlet	¼ oz., 40c	.15
Golden Queen. Yellow with rosy-lilac throat	¼ oz., 40c	.15
Old Gold. Beautiful art shade	¼ oz., 40c	.15
Purple King. Rich, velvety purple	¼ oz., 40c	.15
Ruby. Rich, velvety ruby-red	¼ oz., 40c	.15
Snowflake. White	¼ oz., 40c	.15
The Rose. Pure rose	¼ oz., 40c	.15
Wallflower colors	¼ oz., 40c	.15
Maximum. Many kinds, mixed	oz., $1.20; ¼ oz., 40c	.15

ANTIRRHINUM—Continued

Large-Flowering Half-Dwarf Sorts

Plants of medium height for bedding.

		Trade pkt.	Oz.
Black Prince. Deep crimson	¼ oz., 30c	$0.15	$1.00
Bonfire. Orange buff. (Defiance)	¼ oz., 35c	.15	....
Canary Bird. Lemon-yellow	¼ oz., 35c	.15	....
Defiance. Brilliant scarlet	¼ oz., 35c	.15	....
Dorothy Silk. Flowers are fiery terra cotta with a white throat		.35	....
Empress. Rich velvety crimson	¼ oz., 35c	.15	....
Firebrand. Fiery orange-scarlet	¼ oz., 35c	.15	....
Flame. Improved Defiance	¼ oz., 50c	.25	....
Gloria. Rich, deep rose-pink	¼ oz., 45c	.25	....
Golden Monarch. Good yellow	¼ oz., 35c	.15	....
Golden Queen. Yellow	¼ oz., 35c	.15	....
His Excellency. Purest scarlet	¼ oz., 35c	.15	....
Nelrose. Rose pink	¼ oz., 35c	.15	....
Prima Donna. Terra cotta pink, suffused primrose, excellent for florist's use	¼ oz., 35c	.15	....
Red Emperor. Rich deep scarlet, compact habit		.25	....
Vaughan's Special Mixture, semi-tall sorts.	¼ oz., 45c	.25	1.40
Vaughan's Florists' Mixture of Outdoor Cutflower Varieties. All kinds	¼ oz., 45c	.20	1.40

See novelty pages for Rust Proof varieties.

Dwarf Sorts

		Trade pkt.	Oz.
Tom Thumb. Fine for edging and useful in combinations for Mother's Day. 6 in.			
Fireball		$0.25	....
Pinkie, pure pink		.25	....
Niveum Snow Queen. Snow-white		.25	....
Yellow		.25	....
Roseum rose		.25	....
Mixed, all colors, each	¼ oz., 40c	.20	....
Rock Hybrids, Mixed. Very charming, compact little plants, 4 to 6 inches high, covered with small flowers of various pretty colors; splendid for rock gardens or borders	⅛ oz., 50c	.25	....
White Gem		.35	....
Pink Gem		.35	....
Magic Carpet. A snapdragon of almost creeping habit, fairly covered during the summer with delightful soft pink flowers. Useful for border or rock garden		.50	....
Aralia Sieboldi. Fine green foliage plant readily grown from seed. Seed ready in April. 100 seeds, 25c;	1,000 seeds, $1.50	...	....
Arctotis Grandis (The African Lilac Daisy). Pure white on upper surface, reverse petals being lilac. Very useful for cutting. 32 in.		.15	$0.40
Breviscapa Aurantiaca. The daisy-like flowers have petals of a pleasing dark orange which turns lighter toward the center, with a purplish disc, 6 in.	¼ oz., 60c	.30	
Large Flowering Hybrids. Resembles Gerbera. Numerous beautiful colors. 12 inch	¼ oz., 85c	.35	3.00
Asclepias Curassavica. The inflorescences of orange-red flowers, which arise from the axils of the leaves, are freely produced and long lasting		.15	.80

Asparagus

Write for prices on larger lots.

Plumosus Nanus. (Lath House grown.) Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. **100 seeds, 25c; 250 seeds, 40c; 1,000 seeds, $1.00; 5,000 seeds, $4.50; oz., 80c; lb., $8.00.**

Falcatus. Valuable bushy green for cutting purposes. Shiny dark green leaflets, that are larger than Sprengeri. 100 seeds, 75c; 1,000 seeds, $6.00.

Sprengeri. 100 seeds, 25c; 250 seeds, 35c; 1,000 seeds, $1.00; 5,000 seeds, $4.50; oz., 80c; lb., $8.00.

Scandens Deflexus. Elegant greenhouse climber. 100 seeds, $1.00; 1,000 seeds, $8.00.

Instructions for Sowing Seeds During The Summer Months

During the hot months of July and August fine seeds such as Calceolaria, Cineraria, Snapdragon, etc. should be sown in flats (as usual) and the flats placed in a cool basement until the seedlings sprout. Then taken to greenhouse and some cheese cloth placed over them until seedlings are of sufficient strength to have it removed.

BUSH BALSAM. Trade pkt., 25c; oz., $2.40.

Balsam

		Trade pkt.	Oz.
Bush Balsam. Flowers appear in clusters on top of stem instead of on sides. When grown in small pots, these make nice plants in bloom for spring sales.			
Cinnabar, Red, Rose, Scarlet, White. Reflected Rose, and White. Each of the above	¼ oz., 70c	$0.25	$2.40
Bush Mixed	¼ oz., 60c	.25	2.00
Vaughan's Invincible Mixed. A splendid strain producing very double flowers of the finest form. This is the old fashioned type with flowers on side of stem		.15	.80
Bartonia Aurea. Golden yellow. 24 in.		.10	.30
Bachelor's Button. See Centaurea Cyanus.			

Cactus Seed

Cacti can easily be grown from seed.

We also offer a booklet containing much valuable information on Cacti, "Cacti in the Home." Price, 35c.

(250 seeds of one variety supplied at 1000 rate)

	100 Seeds	1000 Seeds
Cereus (Column-cacti). Mixed	$0.25	$2.20
Cephalocereus Senilis (Old Man Cactus)	.65	5.50
Cereus Grandiflorus (Queen of the Night)	.85	7.50
Echinocactus (Hedgehog-cacti). Mixed	.35	3.00
Echinocereus (Cluster-cacti). Mixed	.25	2.00
Echinopsis (Tube-flowering hedgehog-cacti). Mixed.	.25	2.20
Mamillaria (Wart-cacti). Mixed	.30	2.60
Opuntia (Fig-cacti). Mixed	.25	2.00
Opuntia. Hardy Mixed ¼ oz., 45c; tr. pkt., 25c; oz., $1.40		
Cacti. All kinds and forms, mixed	.25	2.00

Imported Collection, 10 sorts, 85c net each.

SURPRISE GARDEN MIXTURE

A Good Counter Item

This is a formula mixture of over 80 different annuals, growing from 12 inches to 3½ ft. high, is a splendid seller and we can recommend it highly. We buy for this mixture annual varieties which are attractive and easily grown, but many of them little known, and the result is a continual succession of happy surprises to the gardener. Pound, $1.60; oz., 15c.

Sells for 25c oz.; ¼ lb., 80c; lb., $3.00 at retail.

Vaughan's Wilt Resistant Asters

Aster growers have been troubled with pests of recent years. This family has been widely attacked by the Fusarium Wilt, which condition has been overcome in growing the Wilt Resistant Strains which, although grown in infected soil, proved immune from the disease. Aster Yellows is also an enemy. This has been found to be transferred to the plants by tiny insects called leaf hoppers. The only means to overcome this is to grow the plants under a cloth cover.

ROYAL WILT-RESISTANT ASTERS FOR CLOTH HOUSES

The following sorts are especially desirable for growing in cloth houses. The seed has been harvested from plants grown in the sickest of soils, thus producing seed that is as wiltresistant as can be procured.

Lavender. Shell pink. White. Rose Pink.

Each of the above. Trade pkt., 50c : ¼ oz., $1.50; oz., $5.00.

ASTERMUM—2 feet

The plants are of strong upright growth with 12 to 15 strong stems 20 inches long, each carrying a flower of perfect form.

White, Lavender or Rose Pink.

		Trade pkt.	Oz.
Each of above	¼ oz., 50c	$0.30	$1.80
Mixed, three varieties	¼ oz., 50c	.25	1.60

AURORA

Golden Sheaf, yellow self. A splendid free-flowering aster, with large full flowers, quilled centers and outer band of broad petals. Height, 2 ft., fine for cutting. Trade pkt., 30c; ¼ oz., 50c; oz., $1.80.

CREGO—2 feet

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect. Comes into bloom in August, continuing well into September. A splendid keeper and shipper.

Azure Blue, Blue Flame, Crimson, Deep Rose, Enchantress (Salmon-rose), Lavender, Pink, Purple, Salmon Pink, Violet, White

		Trade pkt.	Oz.
Each of the above	¼ oz., 50c	$0.30	$1.80
Crego Mixed, all colors	¼ oz., 45c	.25	1.50

ASTER GIANT BRANCHING.

EARLY BEAUTY—2 to 3 feet

Plants of branching habit, commencing to bloom in early September and lasting until destroyed by frost. Flowers large, borne on long and stout stems, from 18 to 24 inches.

Azure Blue, Black Prince (deep marine violet), Crimson, Carmine Rose, Purple, September Beauty, White

		Trade pkt.	Oz.
Each of the above	¼ oz., 50c	$0.30	$1.80
Mixed, all colors	¼ oz., 45c	.25	1.50

GIANT BRANCHING

Excellent for cut flowers. The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid. 2 to 3 ft.

Crimson, Deep Rose, Lavender, Pink, Purple, Silvery Rose, Sensation (deep red), White

		Trade pkt.	Oz.
Each of the above	¼ oz., 50c	$0.30	$1.80
Mixed, all colors	lb. $12.00 ¼ oz., 45c	.25	1.40

THE ROYAL—2 feet. Early-Flowering Branching

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

Purple, Shell Pink, Rose Pink, White, Peachblossom, Dark Lavender

		Trade pkt.	Oz.
Each of the above	¼ oz., 50c	$0.30	$1.80
Mixed, all colors	¼ oz., 45c	.25	1.50

QUEEN OF THE MARKET—18 inches

The Standard Early-Flowering Type

Crimson, Dark Blue, Flesh Pink, Light Blue, Scarlet, White

		Trade pkt.	Oz.
Each of the above	¼ oz., 50c	$0.30	$1.80
Mixed, all colors	¼ oz., 45c	.25	1.50

OTHER VARIETIES

Ball White. Early. Selection for resistance has not left this quite so large and fine as the original, but a very excellent white-flowering. Sept. 5-10.

Ball White. Late. Typical American branching type and habit. Fine long stem and size. The best American Branching strain in white, following in flowering season Ball White Early. Sept. 10-15.

Ball Phlox Pink. Fairly light rose-pink, an especially attractive commercial color, with perfect American Branching habit and form. Sept. 5-10.

Ball Deep Rose. Extra bright shade of deep rose with attractively incurved petals, medium size, extra long stem and highly resistant. August 20 - Sept. 1.

Ball Deep Purple. Attractive bright deep purple; in flowering season and long stem, this is an exact duplicate of Ball Deep Rose. The crop of both these fine Ball varieties is cut out before the main mid-season supplies are ready. August 20-Sept. 1.

Each of above 5 varieties, trade pkt., 30c; ¼ oz., 50c; oz., $1.80.

		Trade pkt.	Oz.
California Giant, Purple	¼ oz., 70c	$0.35	$2.40

Early Giant Light Blue. A beautiful big lacy flower, the largest type of aster, like a glorified Giant Crego. Blooms earlier than other giant sorts with good stems and has curled and interlaced petals in abundance to form 5-inch flowers of splendid cutting and keeping quality. Trade pkt., 50c; ¼ oz., $1.00; oz., $3.50.

		Tr. pkt.	Oz.
Giant Mammoth Peony Flowered, Silvery Rose. Immense, fully double flowers resembling the Beauty type, borne on long, stout non-lateral stems. Grow 2½ to 3 ft. tall. An attractive variety with its rich rose silver tipped flowers	¼ oz., 65c	$0.35	$2.20
Giant Comet, Mixed	¼ oz., 45c	.30	1.50
Illusion. Soft pastel shade of apricot pink.	¼ oz., 50c	.30	1.80
Heart of France. Ruby red	¼ oz., 50c	.30	1.80
King. All colors mixed Flowers, large and full needle-like strong petals. August	¼ oz., 50c	.25	1.60
Ostrich Feather Mixed, all colors	¼oz., 50	.25	1.60

ASTERS IN MIXTURE

Vaughan's Florists' Mixture. Wilt Resistant Varieties	¼ oz., 50c	.25	1.60
Vaughan's Excelsior Mixture, Tall Asters. Wilt resistant. This is a mixture of the most beautiful, striking and distinct colors of the tall-growing Asters.	¼oz., 50c	.25	1.60

Standard Bred Asters—Continued

CALIFORNIA GIANT SUNSHINE

These are the result of a cross between the California Giants and Sunshine, hence the name. Plants of this new race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous, 4 to 5 and 6 inches in diameter.

Appleblossom — Purple (Alpen Glow)
Enchantress Pink — Rose (Rainbow)
Light Blue (Blue Moon) — White (Moonbeam)
Light Lavender (Stratosphere)

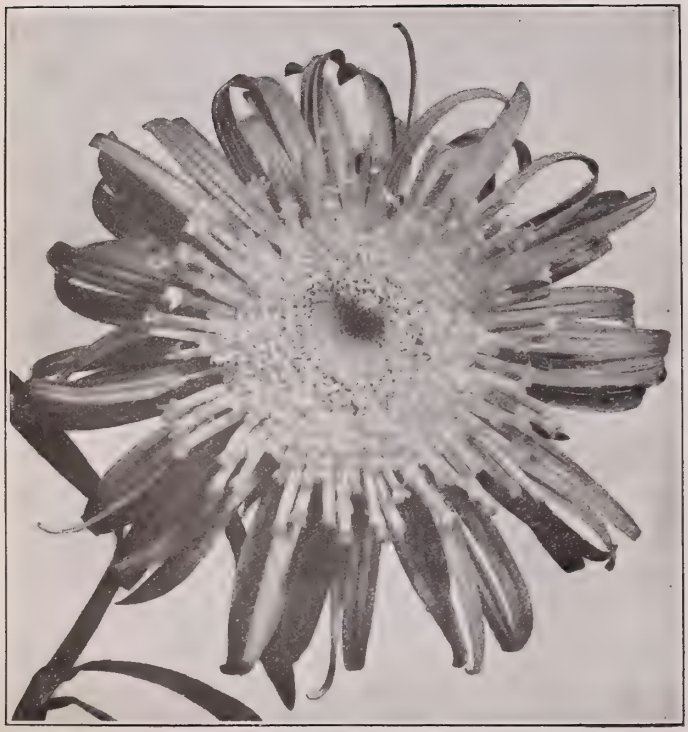
		Trade pkt.	Oz.
Each of the above	¼ oz., 90c	$0.35	$3.00
Mixed, all colors	¼ oz., 60c	.35	2.00

CALIFORNIA GIANTS—2½ to 3 feet

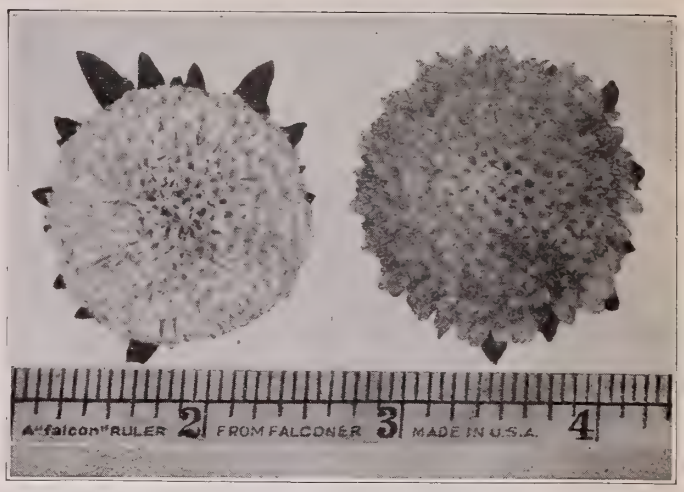
They are of vigorous growth and of the Crego, or Ostrich, type of flower. They are partially non-lateral and the blooming season extends from midseason until cut down by frost.

Appleblossom — Light Blue
Carmine Rose — Light Purple
Crimson — Peachblossom
Dark Purple — Silvery Rose
Deep Rose — White

		Trade pkt.	Oz.
Each of the above	¼ oz., 70c	$0.35	$2.25
Mixed, all colors	¼ oz., 60c	.25	1.80
Early Express or Early Wonder Mixed. 16 in.	¼ oz., 45c	.25	1.40
New Super Giant Los Angeles. The flowers are large, are most artistic, due to the unusual curling and interlacing of the petals, giving a light feathery effect. The color is a pure shell pink	¼ oz., 80c	.35	2.40
Super Giant El Monte. Companion to above variety and exactly like it except in color, which is a deep glowing crimson. Blooms early and remains in flower over a long period	¼ oz., 80c	.35	2.80
Boltze's Dwarf Bouquet, Mixed. A splendid variety for pots	¼ oz., 50c	.25	1.60
Dwarf Chrysanthemum Flowered, Mixed. 12 in.	¼ oz., 40c	.25	1.40
Lilliput, Mixed, 1½ ft., small-flowered	¼ oz., 40c	.25	1.40



ASTER CALIFORNIA GIANT SUNSHINE



ASTER IMBRICATED POMPON

IMBRICATED POMPON—20 inches

A variety that is very popular among the California flower growers.

Blood Red — Fiery Scarlet — Light Blue, lb., $22.00
Crimson — White, lb., $22.00 — Dark Blue
Rose, lb., $22.00

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.35	$2.00
Mixed, all colors	¼ oz., 50c	.25	1.80

GIANT PEONY FLOWERED—2½ to 3 ft.

Flowers beautifully incurved with straight, rigid stems non-lateral branching.

Azure Fairy (Azure blue) — Peachblossom (White flushed pink)
Maiden's Blush (Delicate pink) — Rose Bud (Deep rose)
Purple Robe (Deep purple) — Swan's Down (Pure white)

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.35	$2.00
Mixed, all colors	¼ oz., 50c	.25	1.80
American Branching Type, Rosalie. The handsome, fully double flowers are four inches in diameter. The color is a deep rose pink. The great feature of this new Aster is its ability to continue to produce flowers 100% double throughout the season and at no time are the centers exposed	¼ oz., $1.00	.50	3.50
Scarlet King (Beacon). Every flower is fully double and the color is even more intense than Heart of France. 20 in.	¼ oz., 60c	.25	2.00
Surprise "Salmongold". When starting to flower the blossom is a pure salmon-yellow color. The fully developed blossom shows a radiating salmon-pink shade. The flowers are 2¾ to 3½ inches in diameter	¼ oz., 65c	.35	2.20

SINGLE ASTER

Southcote Beauty. Free flowering strain of branching habit. These are very much in evidence in European flower shops.

		Trade pkt.	Oz.
Dark Blue, White, Light Blue, Scarlet, Rose. Each of the above	¼ oz., 50c	.25	$1.40
Mixed. Many colors	¼ oz., 40c	.20	1.20
Single Giants of California, Mixed. Flowers large, 3 to 4 inches in diameter. Petals graceful, stems 18 to 24 in. Blooms in mid September		.20	.70
Brachycome Iberidifolia (Swan River Daisy). 12 in. Blue, White, Pink or Mixed, each		.15	.80
Browallia Elata. Blue, White or Mixed, each		.15	.80
Speciosa Major. Large deep blue flowers. Fine for pots. 12 in.	1/16 oz., $1.00	.35	....
Viscosa Compacta Sapphire. Dark blue, white eye, Dwarf compact plant for pots and bedding	1/16 oz., $1.00	.35	....

BEGONIA Gracilis Pink Pearl

Begonia

	Trade pkt.	Oz.
Gracilis Pink Pearl. Of dwarf, compact habit—6 to 8 inches high, this new Begonia is one of the very best for pot culture. The plants form perfect balls and the flowers are well above the fresh green foliage	$1.00	....
Red Pearl. Same as above in growth, height and blooming habit. Color brilliant dark scarlet	1.00	....
The above are excellent summer bloomers.		
Luminosa. Deep dark scarlet, foliage reddish brown, 10 in. 1/32 oz., $1.80; 1/8 oz., $5.80	1.00	$36.00
Carmen. Bright rose flowers, bronze foliage 1/64 oz., $1.80; 1/32 oz., 3.20	1.00	....
Carmen Scarlet. See Indian Maid.		
Carmen White 1/64 oz. 1.40	1.00	....
The Carmen varieties are very attractive, especially under electric lights, on account of bronze foliage.		
Comp. Heterosis Tausendschoen. A fine dwarf bedding variety, flowers lustrous rose. Absolutely even in growth and color. The plants are one mass of bloom. 6 in.	1.00	....
Dwarf Luminosa. Extra dwarf, scarlet 1/64 oz., $2.00; 1/32 oz., 3.60	1.00	....
Fireball. Fiery crimson, 10 in. 1/32 oz., 1.80	.50	....
Indian Maid. (Carmen scarlet). 10 in. Bright deep scarlet buds and flowers with deep bronze foliage 1/64 oz., $2.00	1.00	....
Prima Donna. Limpid rose, shading to carmine, most beautiful, 10 to 12 in. 1/32 oz., $2.00	1.00	....
Radio. (Rundfunk). Large flowered, shining, pure carmine-scarlet 1/32 oz., $2.00	1.00	....
White Pearl. White, 10 in. 1/32 oz., 1.50	.50	....
Christmas Cheer Red. A very large-flowered variety, color dark crimson-scarlet 1/32 oz., $2.20	1.00	....
Christmas Pink. Identical to above variety only the color is a delightful shade of warm rose-pink 1/32 oz., $2.40	1.00	....
Semperflorens Albert Martin. Bright carmine, very large flowers, 14 in. 1/32 oz., 75c	.50	....
Darling. The plants are of ball shape, growing approximately 8 inches high; flowers are large and of a very brilliant carmine rose 1/64 oz., $2.25	1.00	....
Elegance. The plant is of bushy habit, medium tall and most free flowering. The individual flowers are large, pink with white center, foliage clear green 1/64 oz., $2.00	1.00	.....
Enchantress. Fresh rose color 1/32 oz., $1.60	.50	....
Fire Sea. (Blaze of Fire.) Red flowers, green foliage. 1/32 oz., $2.00	1.00	....

BEGONIA Semperflorens—Continued	Trade pkt.	Oz.
Glow. Foliage bronze, flowers glowing scarlet. 1/64 oz., $1.50	$1.00	....
G. Knaacke. Glowing salmony pink 1/32 oz., 1.40	.50	....
Heterosis Essen, 1938. The buds are one inch across and are of a bright cherry red, while the flowers develop later to 2 in. x 1 in. and are an amaranth cerise. The center of the flower appears mauve, thus producing a particularly charming effect. The plants branch freely and grow to a uniform height of 10 in.	1.00	.....
Lightning. Large flowers 2 in. across and deep carmine scarlet shade 1/64 oz., $1.50	1.00	....
Little Midget. A remarkably early and willing bloomer. Plants when only an inch or two in height, flower freely. Color a pretty dark carmine.	1.00	.....
Scandinavia. A new outstanding large-flowered pink variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering 3 trade pkts., $4.00	1.50	....
Salmon Queen. Large cinnabar red blooms, dark leaf, 12 in. 1/32 oz., $1.50	50	....
Winter Romance. Carmine pink flowers	1 00	....
Special Mixture of Bedding Begonias 1/32 oz., 1.00	.50	....

BEGONIA TUBEROUS ROOTED

Grown easily from seed which sown in January will make fine pot plants for spring. This type Begonia is most satisfactory for planting in the shade.

	Trade pkt.	Oz.
Tuberous-Rooted. Single, mixed, 12-in. 1/64 oz., $1.20	$0 50	....
Crispa mixture of frilled sorts 1/64 oz., 2.00	1 00	....
Narcissus-Flowered Mixed Colors	1.00	....
Lloydi (Pendula). Pendulous double-blooming, many fine shades, for pots and hanging baskets	1.00	....
Double. Mixed 1/64 oz., $4.80	1.00	....

MULTIFLORA FL. PL. MRS. HELEN HARMS

Heretofore it has been necessary to propagate this delightful Begonia by means of cuttings. Now we can offer seed which will produce about 90% double flowers. The flowers are a deep canary yellow and are about 1½ in. in diameter. The foliage is small. In the second year the tubers produce much larger plants and many more flowers. Trade pkt., $1.00.

Multiflora Nana fl. pl. Double Mixed. New dwarf, bushy habit, free flowering. Many attractive colors. Trade pkt., 50c.

BEGONIA VARIOUS

	Trade pkt.	Oz.
Rex Hybrids. Ornamental leaves. 500 seeds, 1.80 1,000 seeds, 3.20	...	....
Evansiana. Tall rose pink, a native Japanese variety. Flowers in autumn, semi-hardy Begonia	$0.50	....
California Poppy. See Escholtzia.		

CALLIOPSIS

Coronata Maxima. (Crown of Gold.) Bright yellow, 20 in.	.10	$0 30
Drummondi (Golden Wave) Golden yellow with brown-red ring, 20 in.	.10	.20
Drummondi (Golden Crown). Rich golden yellow with a shining maroon central zone	.15	.60
Semi-Double Gold Crest. A rich golden yellow color with a reddish brown zone. A big improvement over the old Golden Wave. Flowers are 2½ to 3 inches across and come with a double row of mammoth petals	.15	.60
Canary Bird Flower. Yellow. Good climber for shade.	.10	.30

Annual Canterbury Bells

Blooms from seed in less than six months. The plant grows from two to two and a half feet tall, each plant having from six to eight spikes of blooms.

	Trade pkt.	Oz.
Angelus Bell. Deep rose ¼ oz., 25c	$0.15	$0.80
Liberty Bell. Blue ¼ oz., 25c	.15	.80
Mission Bell. Clear pink ¼ oz., 25c	.15	.80
Wedding Bell. White ¼ oz., 25c	.15	.80
Mixed, All Colors ¼ oz., 20c	.15	.60
Vaughan's Special Mixture	.15	.50
Campanula Attica. Violet flowers, 4 in. ¼ oz., 80c	.35	....
Loreii × Violet blue with light center, 6 in. ¼ oz., $1.00	.35	....
For other varieties see perennial pages.		
Cardinal Climber. Bright and delicate climber	.15	.50

CALENDULA VAUGHAN'S IMPROVED SENSATION

Calendula Forcing Varieties

	Trade pkt.	Oz.
Ball Apricot.....¼ oz., 60c; 4 oz., $6.50; lb., $20.00	$0.40	$2.00
Ball Gold. Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange. ¼ oz., 60c; 4 oz., $6.50; lb., $20.00	.40	2.00
Ball Lemon Queen. ¼ oz., 60c; 4 oz., $6.50; lb., $20.00	.40	2.00
Ball Long Orange. Long-stemmed, light center clear orange.....¼ oz., 60c; 4 oz., $6.50; lb., $20.00	.40	2.00
Ball Masterpiece. Extra long-stemmed deep orange brown center...¼ oz., 60c; 4 oz., $6.50; lb., $20.00	.40	2.00
Ball White (Moonlight). The lightest in color of all the Calendulas, being a beautiful soft cream yellow. A very charming shade....¼ oz., 60c; 4 oz., $6.50	.40	2.00
Ball Varieties. Mixed.....¼ oz., 50c	.30	1.50
Vaughan's Improved Sensation. Long stems, very double, brilliant orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape... .....¼ oz., 25c; lb., $8.00	.15	.80

These above varieties are also admirable for outdoor growing.

BEDDING VARIETIES

Frilled Beauty. New, deep orange.....	.20	.80
Graciella. The plants grow only about 12 inches high. The colors are varying from lemon to light and dark fiery orange yellow, with or without dark eye. Early flowering—plants will be in bloom when 6-7 weeks old.....¼ oz., 40c	.20	1.20
Orange Fantasy Crested. New, true and distinct. A type never before seen. The first few rows of petals on the outside are long and beautifully twisted; the inner petals are short and fantastically curled and interlaced, piling up on top of each other in irregular fashion so as to form a heavy crest which surrounds a large, attractive, mahogany-bronze center. Flowers grow 3¾ inches across and are of an exceptionally deep but pleasing bronzy or coppery orange with petals edged deep mahogany-red. The plants grow 15 inches tall.....	.25	1.00
Orange Sunshine. Same loose flower form with dainty incurved petals, color is a clear light orange of a vivid and penetrating tone. The stems are unusually long for Calendulas and very firm.....¼ oz., 30c	.15	.80
Orange King. Select stock. Dark center. The outer petals are slightly imbricated, while those of the center are curved like those of the peony..lb., $4.00	.15	.50
Pastel Bedding Mixed. Charming assortment of art shades.....	.15	.80

CALENDULA BEDDING VARIETIES—Continued

	Trade pkt.	Oz.
Radio. The flowers are medium size, good depth and clear orange in color. The petals are beautifully quilled.....lb., $4.00	$0.15	$0.50
Radio Golden Beam. Same as above only color is light yellow.....	.15	.50
Shaggy. A distinct new break in Calendulas. The petals are long and deeply laciniated, orange with darker center.....	.15	.60
Sunshine or Chrysantha. Petals long, broad and drooping, giving the flower a globular form. Buttercup yellow.....	.20	.80
Vaughan's Special Mixture.....lb., $6.00	.15	.60

Calceolaria Hybrida

Hybrida Grandiflora Triumph Strain. An outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage. A prize winner in the S. A. F. Milwaukee Show.....1/32 oz., $6.00; 1/64 oz., $3.50	1.25	....
Mixed. Extra Choice. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties..... .....1/32 oz., $3.60; 1/64 oz., $2 00.	1.00	....
Hybrida Multiflora Nana. Mixed. The average size of the blooms is only 1½-inch, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pinch out center to make well-shaped bushy stock..... .....1/128 oz., $2.00; 1/64 oz., $3.50	1.00	....
Golden Tiger. Bright golden yellow flowers with dark brownish red dots, freely produced above the foliage.....1/64 oz., $3.50	1.00	....
Indian Prince. Rich dark scarlet with orange suffusion.....	1.00	....
Albert Kent Hybrids. A very lovely variety for either greenhouse or outdoor culture. The flowers are intermediate in size and produced in large graceful clusters in delicate shades..1/32 oz., $3.60; 1/64 oz., $2.00	1.00	....
Kelway's Perfect Model. (Herbaceous.) Originator's Stock.....1/32 oz., $4.00; 1/64 oz., $2.25	1.00	....
Feltham Glory. The range of color of the numerous flowers includes scarlet, orange, buff, rich brown and golden yellow in self, blotched and spotted forms.....1/128 oz., $1.80	1.00	....

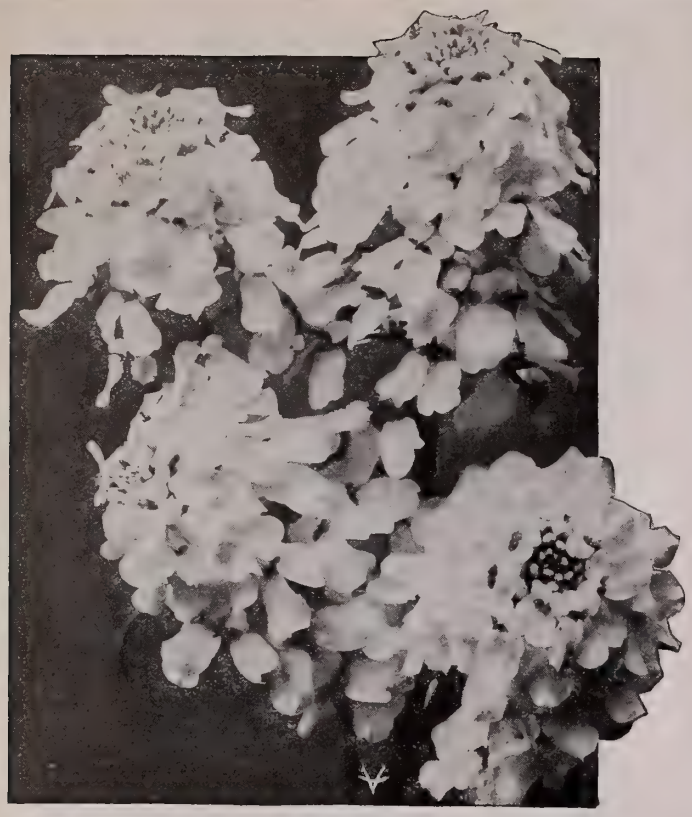
The Rugosa varieties furnish splendid cut-flower material besides being good pot plants. The flowers are smaller than the Hybrida, produced in clusters and keep well in water after cutting. The Rugosa (shrubby) varieties are true bedding varieties, having innumerable small flowers.

	Trade pkt.
Rugosa Aurea. Golden Rain. Pure yellow.....	$1.00
Major. Mixed.....	1.00
"Flower Cloud." This is a cross between the C. Rugosa and Grandiflora. The most free blooming Calceolaria, in all colors. Of a very vigorous growth and resistant against weather influences. Leaves are rather elastic, like those of the Rugosa, making them easy to pack and ship. 1-128 oz., $3.80; 3 tr. pkts., $2.70	1.00

Candytuft

	Trade pkt.	Oz.
Giant Hyacinth-Flowered, White, Vaughan's Extra Select. This is the best strain of this choice cut-flower item. There is none better. Sow early in January for Mother's Day.....4 oz., $2.25	$0.20	$0.75
Coronaria, Empress. White.....lb., $2.40	.10	.25
Miniature Gem. A miniature hyacinth-flowered Candytuft about 3½ inches high, each plant producing four to six spikes of pure white flowers. A good combination pot plant item.....¼ oz., 25c	.15	.80
Umbellata Carminea. Carmine, 12 in.....lb., $3 60	.15	.40
Alba. White. 12 in.....lb., 3.60	.15	.40
Flesh-Pink. 12 in.....lb., 3.60	.15	.40
Lilacina. Lilac, 12 in.....lb., 3.60	.15	.40
Purpurea. Crimson, 12 in.....lb., 3.60	.15	.40
Rose Cardinal. Rose-pink, 12 in.....lb., 5.00	.15	.60
Mixed.....lb., 2.40	.10	.30
Dwarf Mixed. For pots or combination baskets...	.15	.40
Lilac.....	.15	.50
Rosea.....	.15	.50
White.....	.15	.50

For Gibraltarica, Tenoreana and Sempervirens, see perennial pages.



CANDYTUFT Giant Hyacinth Flowered. Tr. pkt., 20c; oz., 75c.

		Trade pkt.	Oz.
Canna Crozy's Best Mixed. Saved from a collection of 20 of the best domestic and imported sorts	¼ oz., 70c	$0.25	$2.40
Cardinal Climber. Annual climber		.15	.50

Carnation

Vaughan's Early and Perpetual-Flowering

Plants bloom in about five months from sowing and continue to bloom until the end of summer. The flowers are very double, of large size. The calyx does not split. They are borne on stiff stems 15 to 18 inches high. Our strain will produce 90% double flowers and comes true to color.

White	Flesh-Pink	Maroon		
Yellow	Deep Rose	Salmon-Rose		
Rose-Pink	Scarlet		Trade pkt.	Oz.
Each of above		¼ oz., 60c	$0.25	$2.00
Vaughan's Early and Perpetual-Flowering, mixed		¼ oz., 50c	.25	1.80

Enfant de Nice

They are of compact growth with extremely stiff stems bearing flowers which are up to 2¼ to 2¾ inches in diameter without disbudding the plants. The colors come about 75% true from seeds and give about 90% of plants with double flowers.

White	Rose	¼ oz., $1.75		
Salmon	Red	¼ oz., 1.75	Trade pkt.	Oz.
Each of above		⅛ oz., 1.00	$0.50	....
Mixed, from varieties noted above		¼ oz., 1.20	.50	....
Engelmann's Perpetual Gold Medal Hybrids. Seeds saved from the best varieties, with large flowers borne on long stems		1/16 oz., $1.60	1.00	.....
Teicher bi-annual mixed. A new European variety, producing extraordinary large blooms, in a fine range of colors; excellent for cutting; choice mixture		⅛ oz., $1.80	.75	$12.00
Vaughan's Special Mixture. A mixture of Engelmann's Gold Medal, Giant of Nice and Chabaud		⅛ oz., 75c	.50	5.00

For other Carnations, see perennial pages.

Castilleja Indivisa (Indian Paint Brush). A very rare annual; rosy-pink bracts, intermingled with orange-red. Fine for pots.....1000 seeds, $1.00.

CELOSIA LILLIPUT.

Celosia

		Trade Pkt.	Oz.
Childsii (Chinese Wool Flower)			
Crimson, 2 ft.	¼ oz., 45c	$0.20	$1.40
Deep Rose	¼ oz., 45c	.20	1.40
Yellow	¼ oz., 45c	.20	1.40
Mixed	¼ oz., 40c	.15	1.30
Cristata (Coxcomb)			
Tall, Crimson		.25	....
Golden Yellow		.25	....
Rose		.25	....
Scarlet		.25	....
Chamois		.25	....
Tall Sorts, Mixed		.15	.60
Nana Aurea. Dwarf, dark golden, 12 in.		.25	....
Empress. Bright crimson combs, dark foliage, beautiful, 12 in.	¼ oz., 60c	.25	....
President Thiers. Dark crimson, 12 in.	¼ oz., 60c	.25	....
Rosea. Dwarf. Dark rose combs, 12 in.		.25	....
Dwarf Sorts. Extra choice mixed	⅛ oz., 80c	.35	....
Miracle Cockscomb, Mixed. Found as a sport among plumed celosias and developed and fixed to type by many years' selection, it is the most wonderful cockscomb. Grows 2-3 ft. high without branches, terminated with remarkable cockscombs of enormous size, some round, others cockscomb shape, with surface like velvet plush, others of waved or corrugated appearance		.50	....
Plumosa (Ostrich Feather)			
Crimson	¼ oz., 40c	.25	1.20
Orange	¼ oz., 40c	.25	1.20
Pride of Castle Gould, Mixed	¼ oz., 60c	.25	....
Parrot's Feather, Mixed	⅛ oz., $1.00	.50	....
Pyramidalis Flame of Fire. (Fiery dark scarlet)	¼ oz., $1.00	.35	....
Lilliput Dwarf Fire Feather. This dwarf strain is excellent for pots and combinations. 12 in.	⅛ oz., 60c	.25	....
Orange Feather	⅛ oz., 60c	.25	....
Mixed	⅛ oz., 60c	.25	....
Thompsoni Magnifica Special Selection, Mixed	¼ oz., 60c	.25	2.25
Spicata. 3 ft. Branching freely, each stem terminating in a round, slender, pointed spike of bloom. The flowers at first are a soft bright rose, changing to silver-white, so that a fully developed spike resembles a slender silver plume with a bright carmine tip		.25	....
Cephalophyllum Actum. Growing about 6 inches high, it produces attractive ray flowers of a rich violet blue with pretty centers. The thick fleshy plant growth makes an attractive house plant even when not in flower	1000 seeds, $12.00. 100 seeds, 1.50.		
Cleome Pungens (Giant Spider Plant). Light rose		.10	.40
Rose Queen. Dark rose	¼ oz., 25c	.15	.80
Cobaea Scandens. Purple	lb., $4.40	.10	.40
Cockscomb. See Celosia.			
Coleus Glory. A mixture of colors never seen before, such as bronze, pink, apricot shades, cream, etc. A remarkably fine strain; it is unequalled for the beautiful form and coloring of its large leaves. Very highly recommended by the New York Florists' Variety Test Club. Sow seed January 1st for Memorial Day plants. "The Choicest Strain in the World."	1/16 oz., $1.50	.75	....
Extra Choice, large-leaved, mixed	⅛ oz., 90c	.50	6.00
Large-leaved, Copper color, 20 in.		.50	....
Vaughan's Rainbow Mixture. The above and others.	1/16 oz., $1.00	.50	....
Columbine. See Aquilegia, perennial pages.			

Unless otherwise quoted we supply ½ oz. at the ounce price and 4 oz. (of a variety) at the pound price.

CENTAUREA CYANUS Vaughan's Super Double

SUPER GIANT CENTAUREA CYANUS (Cornflower)

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting.

		Trade pkt.	Oz.
Black Boy. Blackish maroon		$0.15	$0.50
Blue Boy. Rich deep blue, very large flowers	lb., $4.80; 4 oz., $1.40	.15	.40
Pinkie. Deep pink	lb., $4.80; 4 oz., 1.40	.15	.40
Red Boy. Deep red	4 oz., 1.40	.15	.40
Snowman. Best white	4 oz., 1.40	.15	.40
Vaughan's Mixture of Super Giant New Varieties Mixed	4 oz., 1.40	.15	.40

	Trade pkt.	Oz.
Centaurea Cyanus. Jubilee Gem. Dwarf blue, 12 in. ¼ oz., 50c	$0.25	$1.80

Centaurea

Americana. (Basket Flower.) Lilac, 4 ft. . lb., $4.20	.10	.40
Alba. White. 4 ft. Fine cut flower . . . . lb., 4.20	.10	.40
Imperialis (Giant Sweet Sultan). 32 in. Pure white. . Amaranth, a rich plum color. Brilliant Rose. Favorita, rosy lilac. Deep Lavender. Splendens, dark purple, Lilacina, lilac center. Each,	.15	.50
Mixed Colors	.10	.40
Suaveolens. Canary-yellow, 2 ft. . . . . lb., $4.00	.10	.40
Vaughan's Special Mixture. Includes all the annual Centaurea sorts	.15	.60
Candidissima (Dusty Miller). Broad cut leaved variety with silvery foliage. 16 in. This must be started early, it is a slow grower. . . . ¼ oz., 50c	.25	1.40
Gymnocarpa. Fine cut leaved variety with silvery foliage. . . . . lb., $4.80	.15	.50

See also Perennial pages.

Columnea Splendens. The reddish brown opposite leaves are arranged in close rows. The predominant shade of the open throated upright blooms about 3 inches long is a burning orange scarlet. In bloom from September to December . . . . . 1.00 . . . .

Chrysanthemum

The annual varieties provide fine cut flowers during summer.

	Trade pkt.	Oz.
Carinatum, Burridgeanum. White, crimson zone	$0.10	$0.30
Fimbriatum fl. pl. Double mixed. Fine well balanced mixture. 2-2½ ft	.25	1.40
Northern Star. Giant white flowers with light yellow center and black disk, 20 in	.10	.25
Purpureum (W. E. Gladstone). Deep purple with yellow ring, 20 in	.10	.25
Single Mixed	.10	.20
Cascade or Balcony. Plants produce drooping spikes a foot or more in length, flowers about the size of a Climax Aster in delicate shades of pink, rose, yellow and white mixed	.50	. . . .
Coronarium. Golden Crown. The color is rich butter yellow and flowers are double form with quilled petals. 3 to 4 ft	.25	. . . .
Frutescens (Paris Daisy). White, 30 in	.15	.60
Indicum fl. pl., Chinese. Early-blooming, hardy, double mixed, 2 ft. . . . . ⅛ oz., $1.00	.50	. . . .
Single Chinese. Early-flowering . . . . . ¼ oz., 90c	.35	3.20
Inodorum Plenissimum. Bridal Robe. Pure white, extra double, compact, fine foliage. 20 in. ¼ oz., 40c	.25	1.40
Snow Carpet grows from 10 to 12 inches tall and has nice double white flowers which are about two inches in diameter The foliage is dark green and quite lacey in appearance	.50	. . . .
Japonicum Double Anemone Flowered. Finest Mixed. The flowers, which are beautifully quilled, measure from 2 to 3 inches across. In color they are extensively varied and contain wonderful assortment of golden and bronze which is one of the characteristics of this new strain. Blooms from seed the first year, if sown early . . . . . ⅛ oz., $1.00	.50	. . . .
Nivelli. Of bushy growth, with an abundance of beautiful, pure yellow, single flowers all summer and fall. The flowers measure 2 to 3 inches across. They have long stems and are excellent for cutting.	.10	.30
Segetum (Eastern Star). Light yellow with dark center and yellow ring, 20 in	.10	.30
Eldorado. Bright yellow, dark brown disc	.10	.30
Gloria (Morning Star). Primrose flowers, 20 in. .	.10	.25
Helios (Evening Star). Large golden yellow.	.10	.25
Vaughan's Double and Single Mixed, annual sorts.	.15	.60

See also Perennial pages.

Clarkia Elegans Fl. Pl.

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be starved. Sow in January, grow on in flats or shallow raised bench. 2 ft.

	Trade pkt.	Oz.
Albatross. Pure white	$0.15	$0.60
Appleblossom. A good rose-pink	.15	.50
Brilliant. Double salmon	.15	.50
Carmine Queen. Deep carmine	.15	.50
Chieftain. Mauve	.15	.50
Enchantress. Salmon pink	.15	.50
Firebrand. Copper scarlet	.15	.60
Glorious. Crimson scarlet	.15	.80
Illumination. Orange and rose	.15	.60
La France. Pale salmon pink	.15	.50
May Blossom. Pure glowing rose	.15	.50
Orange King. A good orange	.15	.50
Purple Prince. Rich purple	.15	.50
Rosy Morn. Beautiful rose color, very double	.15	.60
Queen Mary. Carmine	.15	.50
Salmon Queen. One of the best	.15	.50
Salmonea Perfecta. True salmon, extra double	.15	.60
Scarlet Queen	.15	.50
Vaughan's Special Mixture	.15	.80

Convolvulus Major (Morning Glory). Mixed, lb., 70c 10
Crimson Rambler 25 1.00

Cordyline. See Dracaena.
Coreopsis. See perennial pages.
Corn Flower. See Centaurea Cyanus.

Our Trial Grounds, located at Western Springs, Illinois, are open to visitors during the Summer and Fall and we extend a cordial invitation to all interested in horticulture to visit them. Every variety is plainly marked.

Unless otherwise quoted we supply ½ oz. at the ounce price and 4 oz. (of a variety) at the pound price.

CINERARIA "GOLD CENTER."

Cineraria Hybrida

CINERARIA "GOLD CENTER"
OF THE MULTIFLORA NANA TYPE

This new strain is distinguished by the golden yellow stamens—in the type they are dark. The flowers are produced in great profusion, are of the same size and color range as the Multiflora Nana. The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers. We strongly recommend this new variety.

500 seeds, 60c; 1000 seeds, $1.00; 1/64 oz., $2.00

	Trade pkt.	Oz.
Vaughan's Columbian Mixture. It consists of a mixture made up by ourselves of the choicest strains, and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. 1/64 oz., $1.80; 1/32 oz., $3.00; 1/16 oz., $5.50;	$1.00	....
Cremer's Prize Mixture. Re-selected. Somewhat taller and larger flowered than Multiflora Nana. .....1/16 oz., $7.50; 1/32 oz., $4.00; 1/8 oz., $14.00	1.50	....
Howard and Smith's Strain. Mixed. A very fine selection from a California specialist. 1/64 oz., $2.60	1.00	....
Large-Flowering. Old Rose, pink to rich coppery-red. White. Azure Blue. Matador, deep copper Crimson. Dark Blue. scarlet. Rosamond.....Each, 500 seeds	.50	....
James' Giant. A well-known English strain.....	1.00	....
Ericksson's Private Stock. Berlin market selection.	1.00	....
Siter's Rainbow Strain.....	2.00	....
Hybrida Multiflora Nana. Produces dwarf plants with masses of small flowers, measuring about 3/4 in. in diameter, in compact heads over small and dainty foliage. The flowers are self-colored.	Trade pkt.	Oz.
Azure Blue Dark Red Rose Carmine Dark Blue Rose Each of the above.....500 seeds	$0.50	....
Multiflora Nana. Mixed, all colors, 1/32 oz., $2.00	1.00	
Multiflora Nana Maxima. Mixed. Flowers about same size as Potsdam strain and plants about same height. 1/64 oz., $1.80; 1/32 oz., $3.20; 1500 seeds	1.00	....
Potsdam Strain. Mixed. (Berlin Market or Weissensee). Taller and larger flowered than Cremer's Prize mixture..... .....1/64 oz., $1.50; 1/32 oz., $2.80; 1500 seeds	1.00	....
Crimson Dark Blue Rose Salmon Rose Shades White Each of above.....500 seeds	.50	....

CINERARIA—Continued.	Trade pkt.	Oz.
Covent Garden Strain. The flowers of this strain are much smaller than those of our Columbian mixture, but the plants produce a large head of bloom when grown in small pots...1/64 oz., $1.50	$1.00	....
Plenissima. Double mixed. Good for cutting. 500 seeds	.50	....
Star Cineraria (Cineraria Hybrida Polyantha). Fine, small-flowering varieties, for cutting and decorative purposes. 3 ft.....1/32 oz., $1.20; 1000 seeds	.50	....
Feltham Beauty. Somewhat dwarfer than above, but with larger flowers and broader petals; nearly all have white centers...1/32 oz., $1.25; 1000 seeds	.50	....
Polyantha Stellata, Blue. Rich, dark blue, 2 ft. .....1/32 oz., $1.20; 1000 seeds	.50	....
Salmon Pink, a fine new shade....1/32 oz., $1.40	.50	....
Cineraria Maritima Candidissima (Dusty Miller)....	.15	$0.40
Maritima Diamond. Leaves pure white.....	.15	.60

Cosmos

COSMOS SENSATION MIXED

Very early giant flowered type. Plants grow 4 to 6 feet. Flowers are quite large, 4 to 6 inches across, with broad fluted petals which slightly overlap. Colors pink and white. For exhibition flowers, leave plants 3 to 4 ft. apart and disbud.
Trade pkt., 20c; 1/4 oz., 30c; oz., 60c.

Pink Sensation. Trade pkt., 25c; 1/4 oz., 35c; oz., $1.00.
White Sensation. Trade pkt., 25c; 1/4 oz., 35c; oz., $1.00

	Trade pkt.	Oz.
Early-Flowering Mammoth. White, Pink or Crimson, each .....lb., $3.00	$0.10	$0.30
Mixed, all colors.....lb., 2.80	.10	.30
Early Express. Mixed. An extra early Cosmos, flowering in from 45 to 50 days, grows about 2 1/2 to 3 ft. high and is covered with medium sized flowers.....	.15	.60
Anemone-Flowered (Crested). Mixed.....	.15	1.00
Double Early-Flowering. Pink, White or Red. They come about 75 per cent double.....1/4 oz., 50c	.25	1.80
Early Flowering. Mixed.....1/4 oz., 50c	.25	1.60
Orange Flare. A tropical plant, it should not be sown outdoors until the ground is warm, and if started indoors, it should be given bottom heat of at least 70 degrees. Give it full sun in the garden. Cut flowers should be taken when newly opened.....1/4 oz., 35c	.25	1.00

COSMOS Sensation PINK. Tr. pkt., 25c; 1/4 oz., 35c; oz., $1.00.

	Trade pkt.	Oz.
Cuphea Platycentra (Cigar Plant). Russet orange, excellent for pots and borders, 1 ft.....1/8 oz., $1.20	$0.35	....
Firefly. This is a semi-dwarf, compact growing annual about 10 to 12 inches in height, with a spread of about 12 inches. The flowers are freely produced and somewhat fluted in formation, a deep rosy scarlet color, deepening to almost purple at the center. The foliage is very attractive, the plants grow very readily from seed and flower in about five months from the time they are sown..... .....1/8 oz., $1.00	.50	....

Cyclamen—Persicum Giganteum

Binnewies—German Strain

250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate. In lots of 5000 of a variety 8% off the rate for 1000 seeds.

	100 Seeds	1000 Seeds
Bonfire. Brilliant salmon	$1.70	$15.00
Bright Red	1.20	10.00
Dark Blood Red	1.20	10.00
Lavender	1.20	10.00
Morning Red (Sunrise). Light salmon, dark eye	1.60	13.00
Mozart. Deep pink	1.85	17.00
New Ruffled. Mixed	2.00	18.50
Orange Beauty. Orange vermilion	1.85	17.00
Pink Pearl	1.85	17.00
Pure Rose	1.20	10.00
Pure White	1.20	10.00
Rococo Erecta, Mixed. Large fringed flowers	1.60	14.00
Saffron. Red	1.30	11.00
Saffron. Red, Silver Edge	1.70	15.00
Salmon Scarlet (America Improved)	2.00	16.00
Salmon Rose Improved	1.50	13.00
Salmon Color Dark (Glory of Wandsbek or Pearl of Zehlendorf)	1.50	12.00
Salmon Color Light (Rose of Zehlendorf)	1.50	12.00
Soft Rose with carmine eye (Impr. Rose of Marienthal)	1.20	10.00
White with carmine eye	1.20	10.00
White Crested. The center of the flower petals are feathered in their form which is right in the center of the flowers	1.60	13.00
Binnewies. Mixed	1.20	10.00

Dlabka Strain Cyclamen

Bright, strong colors, finely formed flowers, its blooming period is longer than other strains, which keeps the plants in salable condition for a greater length of time.

	100 Seeds	1000 Seeds
Alpine Glow	$2.00	$18.00
Bright Red	1.20	10.00
Fanal. Fiery salmon red	1.80	16.00
Pearl of Zehlendorf. Dark salmon	1.40	12.00
Pure Rose	1.20	10.00
Pure White	1.20	10.00
Rose of Zehlendorf. Light salmon	1.40	12.00
Red with Salmon Hue	1.40	12.00
Salmon Scarlet	1.80	16.00

Double Cyclamen

It is a full double petaled flowering strain, the individual flowers averaging 10 petals. A plant in full bloom gives the effect of having about twice as many blooms as the average Cyclamen, is also pleasingly fragrant. This strain comes 80% true from seed.

Admiration. A beautiful salmon rose with shaded eye.
Cerise Brilliant. A good Christmas color.
Prosperity. An azalea type, a flaming rose.
Rosea. A soft rose with a coral cast shading lighter at petal tips.
Each of the above, $2.50 per 100 seeds; $20.00 per 1000 seeds.
Double Mixed. The four above, 100 seeds, $2.50; 1000 seeds, $20.00!

		Trade pkt.	Oz.
Cynoglossum Blue Bird (Improved Chinese Forget-me-not). A lovely plant 18 to 24 inches tall with flowers of a rich, bright blue. May be grown either outside or under glass	¼ oz., 30c	$0.20	$1.00
Fairy Blue. Deep ultramarine blue		.15	.40
Firmament. A new dwarf type of the Chinese Forget-me-not. Fifteen to eighteen inches tall, bushy, of a rich blue color, a popular color in the garden. It can also be used as a cut flower. Does not grow weedy or rank		.35	....
Pink		.15	.50
Cyperus Alternifolius (Umbrella Plant)		.20	1.00
Dimorphotheca Aurantiaca (Orange Daisy). Glossy golden-orange flowers, 12 in.		.20	.80
Aurantiaca, New Hybrids		.20	.80
Salmon Beauty	¼ oz., 40c	20	1 20
Calendulacea Tom Thumb Yellow Gem. 5-6 in. This showy little plant bears flowers of bright yellow without zone or eye. Producing a wealth of bloom, it is excellent for bedding, edges or rock garden		.35	....
Ecklonis. White, dark blue center	¼ oz., 50c	.25	1.80
Ringens Double. Grey double crested center	¼ oz., 50c	.25	1.80

DAHLIA Unwin's Dwarf Hybrids.
A Splendid Pot Plant Item for Mother's Day.

Dahlia

UNWIN'S DWARF HYBRIDS
(Re-Selected)

Seeds sown in March, plants will be in bloom by the end of June. Graceful semi-double flowers in a wide range of colors. If tubers are divided and potted in February (start in a cool house), they make fine plants for Mother's day.
Trade pkt., 25c; ¼ oz., 70c; oz.,$2.40.

These are easily grown from seed and will bloom first year if sown early.

		Trade pkt.	Oz.
Double Cactus-Flowered. Extra choice mixed		$0.50	$ 5.00
Selecta. An extra choice strain	⅛ oz., $1.30	.75	8.00
Lilliput. Mixed	⅛ oz., .85	.50	6.00
Salbach's Selected	100 seeds, 1.70	....	....
Salbach's Choice Mixed	100 seeds, .75	....	....
Single Coltness Hybrids, mixed, 1 ft.	¼ oz., .40	.25	1 40
Scarlet. Bright scarlet	¼ oz., .60	.25	2.20
Yellow	¼ oz., .60	.25	2.20
Rose	¼ oz., .70	.25	2.40
White	¼ oz., .60	.25	2.20
Unwin's Ideal Bedding. Twisted petals, double and semi-double in many charming shades. ¼ oz., 60c		.25	2.00
Zulu. Dwarf double, dark leaved, mixed	¼ oz., 85c	.35	3.00
Vaughan's Special Double Mixed		.50	4.00

Didiscus Coeruleus (Lavender Lace Flower). 3 ft. Long-stemmed lavender flowers; look like blossoms of Queen's Lace Handkerchief or Wild Carrot. A constant bloomer. To be sown where they are to flower		.15	.80
Digitalis, see Perennial pages.			
Dolichos Lignosus, Australian Pea Vine. Purple		15	60
Lablab, Mixed. (Hyacinth Bean)	lb., $1.00	....	.15
Dracaena Australis. Broad-leaved		.20	.80
Indivisa. Narrow-leaved	lb., 4.00	.15	.40
Dracocephalum Ruyschianum. Dark blue, 1 ft.	¼ oz., 60c	.25	2.00
Datura Fastuosa fl. pl. Double mixed, 40 in.		.10	.30
Double White, 40 in.		.10	.30
Cornucopiae. White marbled with purple, 40 in.		.10	.40
Triple-flowered. Yellow (Golden Queen), 40 in.		.10	.40

Dianthus — Pinks

	Trade pkt.	Oz.
Barbatus, see Sweet William (Perennial Pages).		
Double Chinese, mixed, 16 in. . . . . lb., $4.00	$0.10	$0.40
Tom Thumb. Brilliant scarlet, 6 in. . . ¼ oz., 50c	.25	1.60
Heddewigii fl. pl. Double Japan pink, choice mixed, 12 in.	.15	.40
Fireball. Double, brilliant dark scarlet. ¼ oz., 25c	.15	.80
Rosalind. Double rose . . . . . ¼ oz., 30c	.15	1.00
Single Japanese varieties. Choice mixed	.10	.40
Laciniatus Splendens. The flowers are very large, over two inches across, in a brilliant shade of crimson, with a large boldly contrasting glistening white eye. 1 ft. . . . . ¼ oz., 25c	.15	.80
Salmoneus. Single, salmony scarlet, 8 in.	.15	.80
Fl. pl. Double salmon	.15	.80
Snowball. Double white	.15	.80
Vaughan's Special Mixed, Double and Single Pinks	.15	.80
Vaughan's Special Mixture, Single Pinks	.15	.80
Vaughan's Special Mixture, Double Pinks	.15	.80

Sweet Wivelsfield

A hardy annual of wonderful colorings. The flowers are larger than Sweet William and borne in trusses. This perpetual-flowering Dianthus is bound to win instant favor both as a cut flower of lasting quality and as a bedding plant.
Single Mixed. Trade pkt., 15c; ¼ oz., 25c; oz., 80c.
Double Mixed. Trade pkt., 35c; ¼ oz., 70c; oz., $2.40.

ECHEVERIA CARNICOLOR

An attractive winter-flowering pot plant. The rosettes, about 4 inches across, produce many long lasting, brilliant vermilion to orange flowers which make a pleasing color effect together with the bluish green metallic coloring of the leaves.
100 seeds, 25c; 1000 seeds, $2.00.

	Trade pkt.,	Oz.
Echeveria (Hen and Chicken). De Smetiana. Silvery gray leaves, red flowers. . . . . 100 seeds, 20c; 1000 seeds, $1.80	. . . .	. . . .
Metallica. Leaves of purplish glaucous hue with large spikes of red flowers . . . . . 100 seeds, $1.00; 1000 seeds, $8.00	. . . .	. . . .
Retusa Hybrids. The flower spikes, 16 to 21 inches high, with their bright orange to carmine red flowers, are very pretty above the gray-green foliage. Can be had in bloom from October to May. . . . . 100 seeds, 25c; 1000 seeds, $2.00	. . . .	. . . .
Secunda Glauca. Silvery gray leaves . . . . . 100 seeds, 25c; 1000 seeds, $2.00	. . . .	. . . .
Mixed . . . . . 100 seeds, 25c; 1000 seeds, 2.00	. . . .	. . . .
Echium Blue Bedder. Dwarf rather compact plants about 1 ft. tall. Purplish blue flowers somewhat like a sage . . . . . ¼ oz., 25c	$0.15	$0.80
Erysimum Perofskianum. Orange, 2 ft.	.10	.30
Erythrina Crista-Galli (Coral Tree). 3 ft. . . . . 100 seeds, $2.00	. . .	. . . .

Fern Spores

Adiantum Cuneatum	Pteris Mayii
Adiantum Gracillimum	Pteris ensiformis Victoriae
Adiantum Hybridum	Pteris magnifica
Adiantum Hispidulum	Pteris serrulata
Adiantum Wrightii	Pteris serrulata cristata
Cibotium Schiedei	Pteris serrulata maxima
Aspidium tsussemense	Pteris tremula
Cyrtomium falcatum	Pteris Wilsonii
Cyrtomium Rochfordianum	Pteris Wimsettii
Cyrtomium Rochfordianum compactum	Pteris Wimsettii multiceps
	Pteris Wimsettii distinction
Pteris argyrea	Pteris Parkerii
Pteris albo-lineata	Pteris Rivertoniana

Any of the above, per trade packet, 75c.

Feverfew. See Matricaria and Pyrethrum.
Forget-Me-Not. See Perennial pages.
Foxglove (Digitalis). See Perennial pages.

Escholtzia

	Trade pkt.	Oz.
Californica, Dwarf Erecta. 1 ft.		
Ramona, golden bronze, coppery rose outside. A new compact flower, beautifully frilled and curled	$0.20	$1.00
Californica, Spreading Varieties. 1 ft.		
Carmine King, deep carmine	.10	.40
Golden West, yellow-orange center . . . . . lb., $2.40	.10	.25
Mandarin, inside petals orange, outside scarlet	.10	.25
Mikado, orange-crimson	.10	.30
Double and Semi-Double.		
Robert Gardiner, orange . . . . . ¼ oz., 40c	.20	1.40
Pink	.20	.80
Hunnemannia (Bush Escholtzia) yellow, 18 in.	.15	.50
Monarch Art Shades. Entirely distinct from all other types, with neat feathered foliage, above which the flowers are freely produced. Semi-double, and of exquisite formation, the colors range through light rose and carmine, and from deep golden yellow through all the varying tones to orange and scarlet. An almost metallic sheen gives an effect of exceptional brilliance in color and substance of flower. . . . . ¼ oz., 50c	.25	1.80
Vaughan's Special Mixture	.15	.60

Euphorbia Heterophylla (Mexican Fire Plant), 3 ft.	.15	.40
Variegata (Snow-on-the-Mountain). Foliage edged white and green, 2 ft. . . . . lb., $2.00	.10	.20
Everlasting Flowers. Annual. See Ammobium, Acroclineum, Helichrysum, Rhodanthe, Xeranthemum, Gomphrena and Statice.		
Perennials. See Echinops, Eryngium, Gypsophila, Lunaria, Ornamental Grasses, Physalis and Statice.		
Exacum Affine. Blue. Fine for pots and baskets. . . . . 6 in., 1/64 oz., $1.60	.50	. . . .
Affine Atro-Coeruleum, New. Dark blue. 1/64 oz., $2.25	1.00	. . . .

Freesias

Sow seed in cold frame the middle of May, covering with sash for about three weeks or until plants are up, gradually removing sash so plants become accustomed to air.

	Trade pkt.	Oz.
Freesia Refracta Alba Pura. Pure white . . . lb., $6.40	$0.15	$0.60
Rainbow Hybrids. The colored Freesias . . lb., 12.00	.25	1.20
Hybrida Tubergenii. Richest shades, largest flowering hybrids . . . . . ⅛ oz., 35c; ¼ oz., 60c; 4 oz., $6.50; . . . . . lb., $24.00	. . . .	1.80

Gaillardia Amblyodon. Red, fine, 24 in.	.15	.60
Picta. Single mixed	.10	.20
Indian Chief. Bronzy red	.10	.40
Lorenziana. Double mixed, 20 in.	.10	.30
Free flowering annual varieties that are useful for cutting.		
Garden Heliotrope, see Valeriana, perennial pages.		
Gazania Longiscapa. Yellow with brown ring. . . . . ¼ oz., 60c	.25	2.20
Splendens Hybrida Grandiflora . . . . . ¼ oz., 80c	.35	2.80
Geranium. Apple-scented . . . . . 100 seeds, 25c; 1000 seeds, $1.80		
Zonale. Single, extra large-flowering, mixed, choice. . . . . ¼ oz., 70c	.35	2.40
Lady Washington . . . . . 100 seeds, $2.20; 1000 seeds, $20.00		
Gesneria Robusta Perfecta Hybrids. A fine pot plant. It belongs to same class as the Gloxinias and needs same culture in greenhouse	1.00	. . . .
Gilia. Capitata Blue (Blue Thimble Flower). Fine feathery foliage; attractive ball-shaped flowers, 1 in. in diameter, 2 ft. . . . . lb., $2.00	.10	.20
Coronopifolia. See Ipomopsis.		
Globe Amaranth (Gomphrena). Fine everlasting that can be used for fresh cut flowers and winter bouquets. Mixed	.10	.25
Globosa. Red-purple, white, and pink, each	.10	.25
Nana Compacta Rubra. Dwarf for pots, 6 in.	.15	.50
Orange (Haageana). Flower looks like a ripe strawberry; a fine everlasting . . . . . lb., $4.00	.10	.40

Gloxinia Hybrida

Vaughan's Columbian Mixture. This is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. Trade pkt. (about 1,000 seeds), $1.00; 1/32 oz., $2.50.

Vaughan's "Beacon"—An Entirely New Strain

Flowers rich dark red. The plants produce from 50 to 70 flowers, and this is only possible with a strain producing many flowering side growths. A fully grown plant makes about three dozen leaves and if one or more leaves are broken, they may be cut off without deforming the plant. Flexible leaves make for easier wrapping and packing. 1,000 seeds, $1.00; 1/64 oz., $1.50.

	Trade pkt.	Oz.
Danube. White with broad blue margin. 1/64 oz., $2.00;	$1.00	....
Emperor Frederick. Scarlet, white margin. 1/64 oz., $1.50	1.00	
Emperor William. Dark blue, bordered white. 1/64 oz., 1.50	1.00	
Othello. Purple. 1/64 oz., 1.50	1.00	
Scarlet Queen. Deep scarlet. 1/64 oz., 1.50	1.00	
Snow Queen. 1/64 oz., 1.50	1.00	
Wandsbeker Blut. Black red, passing to deep carmine. 1/64 oz., 1.80	1.00	
Waterloo. Black red, passing to deep carmine. 1/64 oz., 1.50	1.00	
Gigantea Mixed. 1/64 oz., 1.40	1.00	

Godetia

Plant in rather poor soil. They thrive in cool weather under moist conditions. Treat these as suggested for Clarkia.

Tall Double Grandiflora

Gladiolus-like flowers in long trusses; excellent for cutting, 2 ft.

	Trade pkt.	Oz.
Carmine; Mauve; Rose; Rosy Morn, deep rose; Each,	$0.15	$0.60
Mixed	.15	.50
Upright Single.		
Duchess of Albany. Satiny pure white. 16 in.	.15	.50
Duke of York. Rich scarlet on white. 16 in. lb., $6.00	.15	.60
Kelvedon Glory. Glowing salmon-orange. 1/4 oz., 40c	.25	1.20
Sybil Sherwood. Bright salmon-pink softened by indefinite edging of white. 16 in.	.15	.80
Sybil Sherwood Double. 1/4 oz., 50c	.25	1.60
Dwarf Compact Single.		
Gloriosa. Darkest glowing red. 10 in.	.15	.50
Thunderbolt. Deep crimson, frilled petals. 1 ft.	.15	.80
Wild Rose. Pastel rose, wavy petals	.15	.80
Dwarf Double Azalea Flowered.		
Sweet Heart. Shining pink overlaid cream. 12 in. 1/4 oz., 30c	.20	1.00
Whitneyi. Pink, for pots. 15 in.	.15	.80
Tall Sorts Mixed	.10	.40
Dwarf Sorts Mixed	.10	.40

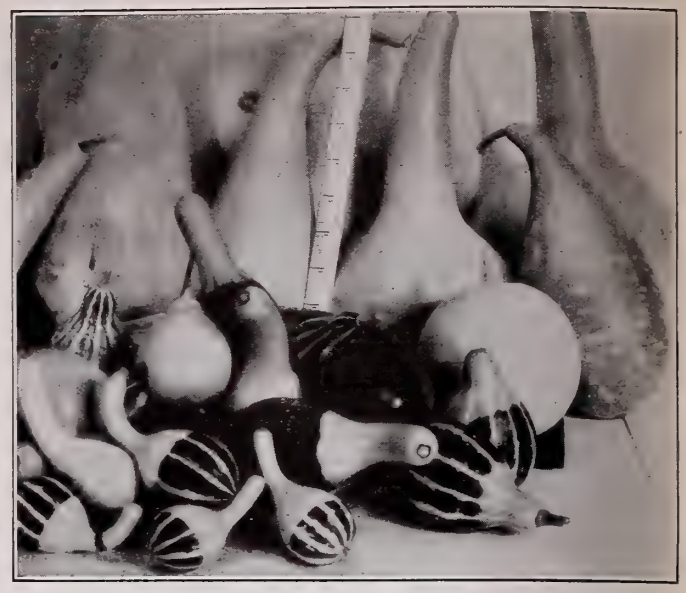
Ornamental Gourds

The interest that is being shown in gourds as decorative material suggests another item to add to the florist's list of merchandise.

Cultural directions and instructions how to prepare the fruit free for the asking.

SMALL FRUITED

	Trade pkt.	Oz.
Apple-shaped. lb., $2.00	$0.10	$0.20
Apple, Striped	.10	.30
Bottle. Miniature	.10	.20
Flat Striped. Green and white stripes	.10	.25
Japanese Nest Egg. Practical nest eggs	.10	.30
Orange. The well known Mock Orange	.10	.20
Ornamental Pomegranate or Queen's Sweet Pocket Melon. Fruit deliciously perfumed and may be carried in the pocket or laid among linens	.10	.40
Pear Bicolor. Two-colored	.10	.30
Pear-Shaped. Striped yellow and green	.10	.30
Spoon. Small ball-shaped fruit with slender necks, deep orange. By slicing off a side a satisfactory spoon is made. lb., $3.20	.10	.30
Turk's Turban. Small red	.10	.30
Turk's Turban. Small red and green	.10	.30
Warted Sorts Mixed	.10	.30
Small Fruited Varieties Mixed. lb., 2.40	.10	.25



ORNAMENTAL GOURDS.

LARGE FRUITED

Ornamental Gourds—Continued	Trade pkt.	Oz
Acorn. Large ornamental yellow	$0.10	$0 20
Bird's Nest	.10	.20
Bishop's Mitre. Three colored, shaped like Bishop's Crown	.10	.30
Bottle. Large. The original Thermos bottle. Makes fine bird houses	.10	.20
Calabash or Pipe Gourd. Odd-shaped fruit which is used in making pipes	.10	.20
Dipper. Fruit makes an excellent dipper and may be used for bird's nests	.10	.25
Dishcloth or Towel. Luffa Acutangula known as Sing-kwa. The fruit is eaten when young, being cooked like squash. Many women prefer a dishcloth made of this Gourd as it is sweet and clean as long as it lasts. lb., $2.20	.10	.20
Hercules' Club. Fruit grows 3 to 4 ft. long	.10	.25
Malabar Melon. Green striped fruits 8 to 10 in. long.	.10	.20
Sugar Trough. Thick shells, very durable	.10	.25
Turk's Turban. Odd brightly colored fruit	.10	.30
Large-Fruited Sorts. Mixed	.10	.20

Vaughan's Special Mixture. All shapes and sizes of these interesting fruits so fashionable for ornaments, bird houses, and utensils, are included in this mixture. lb., $3.00; oz., 30c; trade pkt., 10c.

Grasses Ornamental

	Trade pkt.	Oz
Agrostis Nebulosa. Cloud grass. A low grass with extremely delicate feathery panicles	$0.15	$0 80
Briza Maxima. Quaking Grass. Graceful panicles which tremble in the slightest breeze. 12 to 18 inches	.10	.30
Bromus Brizaeformis. Large drooping heads, 2 ft.	.10	.25
Coix Lachrymae. Corn Beads, Job's Tears. lb., $1.00	....	.10
Eragrostis Elegans. Feather Love Grass. 1 to 2 ft.	.10	.40
Lagurus Ovatus. Hare's-tail Grass, 1 ft.	.10	.40
Pennisetum Longistylum. Has a broad spike 2 to 4 inches long and feathery, white plumes used to border canna beds	.15	.50
Rueppelianum. The purple spikes are longer and more graceful than preceding variety	.15	.60
Tricholaena Rosea. Cultivated for the ornamental inflorescence which is used in winter bouquets	.10	.40
Ornamental Grasses. Tall Mixed	.10	.40
Grevillea Robusta (Silk Oak). Excellent fern-like foliage plant for combination pots and baskets for fall and winter. Sow in early spring. Well grown single specimens make fine pot plants lb., $8.00	.20	.80
Robusta Pyramidalis. Pyramidal habit. 1/4 oz., 60c	.25	2.00
Helianthus. See Sunflower.		

GYPSOPHILA Elegans Grand. Alba. London Market Strain. Oz., 20c; ¼ lb., 50c; lb., $1.60; 5 lbs., $6.00.

Gypsophila

	Trade pkt.	Oz.
Elegans Grandiflora Alba. London Market Strain. Ours is the improved 8-9 overlapping petal strain. Pure white, not to be confused with the ordinary 4-5 petal type ¼ lb., 50c; lb., $1.60; 5 lbs., $6.00	....	$0.20
Elegans Carminea. Deep rose. lb., 2.40	$0.10	.25
Crimson. lb., 2.40	.10	.25
Muralis. Dwarf, pink, 6 in.	.10	.40

Helichrysum Monstrosum Fl. Pl. (Strawflower).
Silver Ball, Rose Queen, Violet Queen, Fireball, Salmon Queen, Canary-Yellow, Golden Ball, Silvery Pink

Each of the above. lb., $5.00	.15	.50
Vaughan's Special Mixture. lb., 5.00	.15	.50
Double Dwarf Mixed. 1½ ft.	.15	.60

Heliotrope. Will bloom from seed in four months.

Dark Varieties. Mixed. ¼ oz., 40c	.20	1.20
Mammoth Flowered. Mixed. ¼ oz., 40c	.20	1.30
King of the Blacks. ¼ oz., 60c	.25	....
Madam Bruant. Violet-blue, white eye. ¼ oz., 50c	.25	1.60
Madam Lederle. Giant-flowered dark blue. ¼ oz., 50c	.25	1.80
White Lady. Pure white	.25	....

Helipterum Sandfordi. Attractive bunch-flowered everlasting. Chrome yellow, 12 in. .15 .80

Honesty. See Lunaria Biennis.

Hunnemannia Fumariaefolia (Bush Escholtzia).

Does well in greenhouse; grow cool, 18 in.	.15	.50
Sunlite. Double bright canary colored flowers. Grey-green foliage, 2 ft. ¼ oz., 45c	.25	1.40

Ice Plant See Mesembryanthemum.

IMPATIENS

These Impatiens will make splendid pot plants for Christmas and are useful for porch boxes, northern exposure.

Impatiens Holstii. Vermilion, very fine. 1/16 oz., $1.00; 1000 seeds,	.50	....
Holstii. New Hybrids, extra choice. 1/16 oz., $1.00; 1000 seeds,	.50	....
Dusky Monarch. New. Blood red . . 1000 seeds,	.50	....
Liegnitzia. Deep vermilion-red, free-blooming, splendid for beds and pots; requires half shade. 500 seeds,	.35	
Sultani. Bright rose. 1/16 oz., $1.00; 1000 seeds,	.50	....
Queen Carola. Chamois. 500 seeds,	.50	
Hybrids. 1/16 oz., 1.00; 1000 seeds,	.50	....
Dwarf Scarlet. 1000 seeds,	.50	....
Dwarf Hybrids. 1/64 oz., $1.00; 500 seeds,	.50	....

	Trade pkt.	Oz.
Ionopsidium Acaule (Diamond Flower). Pale lilac. ¼ oz., 70c	$0.25	$2.40
Ipomoea. Bona Nox (Evening Glory), large, blue. lb., $2.00	.10	.20
Imperialis Japanese Giant Mixed	.15	.50
Japanese Super Giant	.50	....
New Giant Cornell. The flowers, as large as Heavenly Blue, are an intense carnelian red with pure white border, reproducing the colors of Cornell University. Growth is rapid and flowers come early, when vine is two feet tall, increasing in number until killing frosts arrive ¼ oz., 50c	.25	1.60
Noctiflora (Moonflower). White seeded. . . lb., 3.20	.10	.30
Clark's Early-Flowering Heavenly-Blue, a good seller. lb., $6.40	.15	.60
Improved Early flowering. Heavenly Blue. lb., 6.40	.20	.60
Scarlett O'Hara. Gold medal award of "All America." Blooms early, flowers are a carnelian red, sometimes called carmine, self color about 3½ inches across. Stays open longer than other sorts. Foliage is quite distinct, each leaf having one large and two small side lobes. Growth starts a bit slowly and it is better to help it start twining. ¼ oz., $1.00	.50	3.00
Setosa (Brazilian Morning Glory), red	.10	.30
Ipomopsis Elegans. Mixed. Very leafy, the divisions being needle-like, about one inch long. The flowers are 1½ inches long, trumpet-shape, borne along the side of the summit of the stem. The colors include vermilion, salmon, apricot, rich pinks and pure yellow. ¼ oz., 40c	.25	1.40
Coronopifolia Scarlet. Same as above except flowers are scarlet. ⅛ oz., 60c	.25	....
Isoloma Hirsutum Multiflorum Hybridum. The flowers are produced in abundance and in various colors and color combinations. Seed sown in January or February will bloom in June or July, and will continue to flower until winter	1.00	.....
Jasione Humilis. Pretty blue heads, 1⅓ ft.	.35	....
Kalanchoe Globulifera., Var. Coccinea. (Blossfeldiana). 12 Inches. Bright scarlet flowers. Very choice pot plant. 2 Trade pkts., $1.00; 1500 seeds.	.60	....
Kochia Childsii (Summer Cypress)	....	.15
Kudzu Vine. See Pueraria Thunbergiana in Perennial pages.		
Lantana Hybrida. Mixed. Sow early and give bottom heat. lb., $5.00	.15	.80
Lathyrus Latifolius. See Perennial pages.		
Lavatera Rosea Splendens, 30 in.	.10	.30
Alba Splendens, 30 in.	.10	.40
Splendens Loveliness. (Sunset). Glowing rose pink flowers, bronze foliage	.15	.40

Lobelia

	Trade pkt.	Oz.
Erinus **Crystal Palace** Compacta. 4 in. Deep blue, dark foliage. ¼ oz., 50c	$0.25	$1.80
Compacta Blue Gown. Clear deep blue, without eye, fine compact habit. ¼ oz., 70c	.25	2.60
Blue Stone Re-selected. Compact habit, large flowers, brilliant mid-blue. ¼ oz., 60c	.25	....
Opal. Rich opal blue, large flowered, compact ⅛ oz., 40c	.25	....
Mrs. Clibran. Deep blue, white eye. . ¼ oz., 80c	.35	2.80
Duplex. Blue semi-double	.50	....
Speciosa. Dark flowers and foliage, 10 in.	.10	.80
Emperor William. Dwarf, gentian blue light foliage. 4 in. ¼ oz., 45c	.25	1.50
Pumila Splendens, Bedding Queen. Dark blue, white eye dwarf, 4 in. ¼ oz., 60c	.25	2.00
Alba, Snowball. 4 in. ¼ oz., 50c	.25	1.80
Rosea Pink. 4 in.	.25	.....
Sutton's Cambridge Blue. Light blue with green foliage. ¼ oz., 85c	.35	...
Dwarf Sorts, Mixed. ¼ oz., 50c	.25	1.80
Prima Donna. Velvety maroon, 10 in.	.25	.....
Pendula Angelina. Pure white large flowers.	.25	....
Hamburgia. Good for hanging baskets; sky-blue, white eye. ¼ oz., 45c	.25	1.40
Miranda, bright rosy purple, clear white eye. 10 in.	.25	....
Sapphire. For hanging baskets; large deep navy-blue with white eye. ¼ oz., 50c	.25	1.60

Annual Larkspur

For outdoor blooming start in flats in the house, shift into 2-inch pots and plant in April or sow in the open as soon as ground is ready. To get satisfactory germination from Larkspurs in the hot summer, it is necessary to chill the seeds in an ice box for several days before sowing. Larkspurs must be grown cool. For a greenhouse crop in May, sow in January or February.

GIANT DOUBLE IMPERIAL—4 ft.

This type is the most desirable for outdoor growing. A new race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

			Trade pkt	Oz.
Blue Bell. Fine medium blue, deeper than sky blue, yet much lighter than lilac	lb.,	$10.00	$0.25	$1.00
Blue Cockade. New shade of rich lilac-blue	lb.,	10.00	.25	1.00
Blue Spire. Dark blue	lb.,	10.00	.25	1.00
Carmine King	lb.,	10.00	.25	1.00
Coral King. Blush pink with suffusion of coral.	lb.,	10.00	.25	1.00
Daintiness. Delicate lavender	lb.,	10.00	.25	1.00
Dazzler. Rich scarlet	lb.,	10.00	.25	1.00
Exquisite Pink Improved. Salmon-pink	lb.,	10.00	.25	1.00
Gloria Improved. Rich, deep rose-salmon	lb.,	10.00	.25	1.00
Lilac Spire. Beautiful lilac color	lb.,	10.00	.25	1.00
Los Angeles. Salmony scarlet	lb.,	10.00	.25	1.00
Miss California. Deep pink on salmon	lb.,	10.00	.25	1.00
White King. Glistening pure white, rounded petals.	lb.,	$10.00	.25	1.00
Vaughan's Special Mixed Giant Imperial, all colors.	lb.,	8.00	.20	.80

DOUBLE STOCK-FLOWERED—4 ft.

			Trade pkt.	Oz.
Dark Blue	lb.,	$5.00	$0.20	$0.50
Empress Rose. Hermosa pink	lb.,	5.00	.20	.50
Lilac	lb.,	5.00	.20	.50
Lilac Supreme. Deep lilac	lb.,	5.00	.20	.50
La France. Salmon pink	lb.,	5.00	.20	.50
Newport Pink (Lustrous Carmine)	lb.,	5.00	.20	.50
Rosamond. Pure rose which does not fade	lb.,	5.00	.20	.50
Rose Queen, Deep rose pink	lb.,	5.00	.20	.50
Sky-Blue (Ageratum)	lb.,	5.00	.20	.50
White	lb.,	5.00	.20	.50
Vaughan's Special Mixed Stock Flowered	lb.,	4.00	.15	.40

IMPROVED GIANT HYACINTH-FLOWERED—45 in.

Blooms much earlier than other tall Larkspurs. Non-branching, each plant produces one big Hyacinth-like spike, broad at the base and tapering toward the top, thickly studded with perfect double blooms to a length of 18 to 20 inches.

			Trade pkt.	Oz.
Dark Blue				
Pink				
White				
Lilac				
Each of the above	lb.,	8.00	.25	.80
Mixed Improved Giant Hyacinth Fld.	lb.,	5.00	.15	.50

Lavender Lace Flower, Didiscus coeruleus		.15	.80
Lemon Verbena (Aloysia Citriodora)	¼ oz., 60c	.25	2.20
Leptosiphon. French Hybrids, 10 in		.15	.60
Leptosyne Maritima. Yellow, 24 in		.15	.60
Stillmanii. Golden yellow, fine for cutting, blooms six weeks after sowing, 18 in		.15	.80
Golden Rosette. A double form of Stillmanii with deep butter-yellow flowers. Very free flowering		.50	....
Leucocoryne Ixioides (Glory of the Sun). Large, fragrant flowers, blue with white center, charming for cutting	⅛ oz., $2.00	.75	14.00

Leucanthemum. See Chrysanthemum Maximum in Perennials.

Lilium. See Perennial pages.

Linaria Maroccana Excelsior, mixed, 12 in		.10	.30
Fairy Bouquet. Compact growth, large flowers in many distinct colors. Blooms early. Flowers resemble miniature Snapdragons. 8 in.	¼ oz., 40c	.15	1.20
Lisianthus Russellianus (Texas Blue Bells) (Eustoma). Rich deep lilac, black center with yellow stamens. Excellent pot plant. Start seed in January and carry over in a cold house. Keep on dry side; shift into 3" pots in spring; then they will bloom in April		.75	....
Lophospermum Scandens, Climbing Foxglove. Rose.		.25	....

Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."

			Trade pkt.	Oz.
Hartwegii. Dark Blue, Oxford-Blue. 24 in.	lb.,	$3.00	$0.10	$0.30
Light Blue. Cambridge-Blue	lb.,	3.00	.10	.30
White	lb.,	3.00	.10	.30
Rose Queen. Rose pink	lb.,	4.00	.15	.40
Mixed	lb.,	2.00	.10	.20
Hartwegii Giants or King Lupinus. This improved new giant strain is over a foot taller than the ordinary strain, reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.				
King Dark Blue	lb.,	$5.00	.15	.50
King Sky Blue	lb.,	5.00	.15	.50
King White	lb.,	5.00	.15	.50
King Mixed	lb.,	5.00	.15	.50
Subcarnosus (Texas Blue Bonnet). 12 in.	lb.,	2.00	.10	.20
Sulphureus Superbus. Annual Yellow. Takes well on the Chicago market, 28 in.	lb.,	$4.00	.15	.40

Marvel of Peru. See Four O'Clock.

Matthiola Bicornis (Evening Scented Stock). 18 in.		.10	.20
Maurandia. Mixed. Good climber	⅛ oz., 50c	.25	....
Barclayana. Blue		.25	....
Mesembryanthemum Criniflorum (Livingstone Daisy). The plants, which are of slightly spreading habit, are literally covered with one inch flowers of the most delightful shades imaginable. Needs full sun and lots of water, lack of these is failure cause. Germinates in 2 to 3 weeks and is readily transplanted	¼ oz., 70c	.25	2.40
Crystallinum (Ice Plant). Foliage glitters, being covered with ice-like globules, flowers small, pinkish white. For dry sandy spots. 6 in		.10	.40

Mignonette

New York Market. This is an extra choice strain of Mignonette for greenhouse culture. The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment	¼ oz., $1.60	.75	....
The Ball. Heavier spike and lighter in color than New York Market	½ tr. pkt., 60c; ¼ oz., $1.80	1.00	6.00
True Machet, Vaughan's Selected Stock.	¼ oz., 25c	.15	.80
Goliath. Red, fine		.15	.80
Golden Goliath. New immense golden yellow spikes		.15	.80
Vaughan's Giant Rocket		.15	.50
Mimosa Pudica (Sensitive Plant)		.15	.30
Mimulus Moschatus (Musk Plant)	⅛ oz., 60c	.35	....
Tigrinus. Mixed Single Monkey Flower.	¼ oz., 50c	.15	....
Large-Flowering. Single, mixed	¼ oz., 65c	.25	....
Red Emperor. Bright crimson scarlet		.25	....
Musa Ensete. Per 100 seeds, $2.50; 1,000 seeds, $22.00.			

Nemesia Strumosa Suttoni. Orange, 12 in.	¼ oz., 60c	.25	....
Strumosa Suttoni. 12 in. Scarlet	¼ oz., 70c	.25	....
Blue	¼ oz., 70c	.25	....
Rose	¼ oz., 60c	.25	....
White	¼ oz., 75c	.25	....
Mixed	¼ oz., 50c	.25	1.80
Nana Compacta Aurora. Crimson and white, 8 in.	¼ oz., 60c	.25	....
Brightness. A dwarf growing variety for bedding. The color is brilliant cherry red and a mass of these plants is a very vivid display		.35	....
Orange King. Orange, 8 in	¼ oz., 60c	.25	....
Fire King. Scarlet, 8 in	¼ oz., 60c	.25	....
Blue Gem. Blue, 8 in	¼ oz., 60c	.25	2.00
White Queen. Large flowered	¼ oz., 50c	.25	1.80
Triumph. Mixed	¼ oz., 50c	.25	1.80

These dwarf Nemesias are fine for pots.

MARIGOLD Harmony.

Marigold

TALL AFRICAN DOUBLE IMBRICATED

	Trade pkt.	Oz.
Guinea Gold. Orange flushed gold, producing many medium sized flowers, 2½ ft. . 4 oz., $3.40; ¼ oz., 40c	$0.25	$1.20
Golden Beauty. Soft golden yellow, petals semi-quilled, very double, 3 ft. . . . . ¼ oz., 30c	.20	1.00
Yellow Supreme. Broad, loose-frilled petals, rich creamy yellow, honey fragrance, 2 ft. . . . 4 oz., $4.00	.25	1.25

TALL AFRICAN DOUBLE FISTULOSA, 3 Ft.

An especially fine tall branching strain, bearing enormous flowers of the quilled type.

All Double Lemon . . . . . ¼ oz., 50c; 4 oz., $5.00	.25	1.50
All Double Orange . . . . . ¼ oz., 50c; 4 oz., 5.00	.25	1.50
All Double Mixed . . . . . ¼ oz., 40c; 4 oz., 4.00	.25	1.30
Golden Emblem. Rich gold shade midway between Orange Prince and Lemon Queen, each . . ¼ oz., 40c	.25	1.20
Golden Measure. Large flowers orange flushed gold blooming freely on fine branching plants ¼ oz., 60c	.35	2.00
Orange Prince. This is the variety of flowers which are shipped in large quantities from California. It brings about 70% double flowers, of wonderful substance and the stems are more wiry than those of other strains . . . . . ¼ oz., 50c	.25	1.60

OTHER TALL VARIETIES

Burpee Gold. Another Marigold minus the disagreeable odor. Beautiful carnation-like form, attractive habit, uniformity of color and blooming time, fully double. Flowers are an even rich deep orange color, 3½ in. across . . . . . ¼ oz., 65c	.35	2.35
California Giants Mixed. This is an enormous flowering type, height 4 to 5 feet. The color ranges from a lemon to a bright orange with many shadings in between, the flowers are all 4 to 6 inches across.	.25	1.80
Carnation Flowered Lemon Gem . . . . . ¼ oz., 40c	.20	1.40
Carnation Flowered Golden Eagle. In color between Guinea Gold and Yellow Supreme, which it resembles in height and habit of plant. A most desirable variety for outdoor cutting . . . . . ¼ oz., 40c	.20	1.20
Chrysanthemum Flowered Hybrids. A mixture of many types, in shades of orange, yellow and primrose. . . . . ¼ oz., 50c	.30	1.60
Chrysanthemum Flowered Incurved (American Beauty). Mixed . . . . . ¼ oz., 80c	.30	2.80
Golden Orange . . . . . ¼ oz., 85c	.35	3.10
Orange . . . . . ¼ oz., 85c	.35	3.10
Early Sunshine. Flowers have the same attractive form as Dixie Sunshine, resembling small Chrysanthemums with their curled and interlaced florets, but they are considerably larger, growing 2½ inches across and 1½ inches deep, and best of all, they are extremely early. Bright lemon-yellow flowers most profuse. Ideal for cutting . . ⅛ oz., 70c; ¼ oz., $1.25.	.50	4.00

OTHER TALL VARIETIES—Continued

	Trade pkt.	Oz.
Collarette Crown of Gold, orange, 2½ inch flowers, crested center, broad guard petals, odorless foliage	$0.20	$1.00
Sunset Giants. Huge flowers with a color range through orange-yellow and primrose . . . ¼ oz., 50c	.35	1.80
Mrs. Lippincott. Petals are folded for more than half their length and flare out broadly at the ends, giving a pretty frilled effect. Plants grow 3 ft. tall, well branched and covered with attractive rich creamy yellow flowers 2½ in. across . . . . ¼ oz., 50c	.25	1.80
Vaughan's Special Mixture Tall African Double Mixed. . . . . ¼ oz., 30c	.20	1.00

DOUBLE TALL FRENCH, 2½ Ft.

Ranunculiflora Plena. Dark brown	.10	.40
Royal Scot. Gold striped maroon . . . . . ¼ oz., 40c	.20	1.20
Sulphurea Plena. Lemon	.10	.40
Vaughan's Special Mixture Double Tall French	.10	.40

SINGLE TALL FRENCH

Australian Tree. 4½ ft. Brownish yellow. Latest for winter blooming . . . . . ¼ oz., 35c	.20	1.00
Flaming Fire. The long stemmed, brightly colored, large single flowers, 2 in. across, vary in color at different seasons. At times they are flaming red, at other times red and yellow. Plants are much branched, 2½ ft. tall, come into bloom in about 12 weeks . . . . . ¼ oz., 50c	.25	1.80
Lieb's Winter-Flowering. Mahogany brown with golden yellow-crested center, 4½ ft. . . . . ¼ oz., 60c	.35	2.25
Lieb's Winter Flowering Sunshine. Golden orange, yellow center	.50	. . . .
Josephine. Single dark brown with edging of old gold and a glint of crimson	.10	.40

DOUBLE DWARF FRENCH, 1 Ft.

All Double Royal Scot Striped . . . . . ¼ oz., 50c	.25	1.40
Early Harmony . . . . . ¼ oz., 50c	.25	1.40
Early Orange Ball . . . . . ¼ oz., 50c	.25	1.40
Early Primrose . . . . . ¼ oz., 50c	.25	1.40
Early Flowering Mixed . . . . . ¼ oz., 50c	.25	1.40
Dark Brown	.10	.50
Electric Light. Double form of Legion of Honor	.10	.40
Golden Yellow with bronze margin	.15	.50
Lemon Ball. Yellow	.15	.50
Robert Beist. Dark maroon	.15	.50
Yellow, Spotted Brown	.15	.50
Monarch Strain Mixed. Symmetrical, compact habit, comprising a wide range of fine colors, including orange brown and mahogany	.15	.60
Golden Ball. Strain, extra large flowers, very dwarf and double	.15	.60
Harmony. Flowers are a bright golden-yellow with a rich maroon-red border. The plants being about 12 inches high, and very bushy habit, can be utilized for cutting . . . . . ¼ oz., 35c	.20	1.00

DOUBLE DWARF AFRICAN

Golden Queen. Plants form pyramids of bloom. Flowers 3 in. across with flattish petals . . . . . ¼ oz., 25c	.15	.80
Floribunda Orange. Same large flower and rich color as Guinea Gold, 12 to 15 in. tall . . . . . ¼ oz., 45c	.20	1.40
Floribunda Mixed. Same valuable dwarf free flowering habit of above, but a mixture. Predominately orange with some gold and intermediate shades . . . . . ¼ oz., 45c	.20	1.40
Tom Thumb Golden Crown. This is a dwarf form of the well known Guinea Gold. Plants grow only 10 in. high with bright golden yellow flowers, flushed with orange . . . . . ¼ oz., 60c	.35	2.00
Queen, Mixed. Large flowering dwarf African	.20	1.00

LILLIPUT DOUBLE DWARF, 8 in.

Brown, Golden Yellow, Sulphur Yellow, Yellow and Brown . . . . . Each,	.15	.80
Mixed	.10	.60

SINGLE DWARF FRENCH, 1 Ft.

Diadem. Mahogany red, edged gold	.10	.30
Fire Cross. Saffron orange with a brown-red center . .	.10	.30
Legion of Honor (Little Brownie)	.10	.30
Mixed, Many Colors, single dwarf, French	.10	.30

MEXICAN MARIGOLD. For Pots and Edging.

Gnome. This is a selection of the Signata Pumila type. Plants grow only 4 to 6 in. high with a spread of 8 to 10 inches; the slender fern-like foliage is fairly covered with dainty golden-orange flowers. ¼ oz., 30c	.15	1.00
Signata Pumila. Orange	.15	.60

DOUBLE NASTURTIUM

Nasturtium

Double Fragrant Varieties

	Oz.	¼ lb.	Lb.
Tall Golden Gleam. Semi-double, yellow	$0.10	$0.30	$1.00
Fire Gleam	.15	.50	1.60
Indian Chief. Foliage dark green, vivid scarlet flowers ¼ oz., 40c	1.40	....	....
Orange Gleam. Orange	.15	.35	....
Salmon Gleam. Golden salmon	.15	.30	1.00
Scarlet Gleam. Bright orange-scarlet, fragrant.	.20	.50	1.60
Supreme. Salmon-cerise	.15	.30	....
Glorious Gleam Hybrids. Wonderful range of color in double and semi-double flowers	.15	.30	1.00
Dwarf Golden Globe. Dwarf type of Golden Gleam	.15	.50	1.60
Globe of Fire. Scarlet	.20	.60	2.00
Gem Mixed	.15	.30	1.00

DWARF SORTS—Tropaeolum Tom Thumb

Any of the following, oz., 10c, except where noted.

	¼ lb.	Lb.
Empress of India. Deep crimson, dark-leaved	$0.25	$0.80
Golden King. Rich color	.25	.80
King Theodore. Rich red, dark bluish foliage	.25	.80
Vaughan's Special Dwarf Mixture, contains a percentage of double flowers 5 lbs., $4.00	.30	1.00
Dwarf Nasturtiums. Mixed, all colors 5 lbs., 2.00	...	.60

TALL SORTS—Tropaeolum Majus

Vaughan's Special Tall Mixture. Our mixture contains a liberal amount of Gleam Hybrids oz., 15c	.35	$1.00
Tall Sorts in Finest Mixture 10 lbs., $4.00	.15	.50

	Trade pkt.	Oz.
Naegelia Hybrida Mixed. These are similar to the Gesneria, requiring the same treatment. When shown at a recent meeting of the Chicago Florists, they created a great deal of interest	$1.00	....
Nicotiana Affinis. White, sweet-scented, 32 in.	.10	$0.40
Affinis Hybrids. Mixed colors, 32 in.	.10	.40
Crimson Bedder. Rich deep crimson ¼ oz., 50c	.25	1.60
Sanderae. Crimson King. 30 in.	.10	.40
Hybrids. Mixed, 30 in.	.10	.40
Suaveolens (Orange blossom). An elegant, small-flowered pure white species, delightfully scented, which makes a fine pot plant 1/16 oz., $1.00	.50	....
Sylvestris. Very beautiful, sweet, pure white, 5 ft.	.10	.50
Nierembergia Frutescens. Lilac. ⅛ oz., 40c	.25	....
Hippomanica. Coerulea. Grows not more than 4 to 6 inches high, forms a cushion of elegant light green foliage from which emerge corymbs of salver shaped flowers of a delicate lavender hue, 1 to 1¼ inches across, adorned with a clear yellow eye. 1/16 oz., $2.00	.50	....
Nigella Damascena, Miss Jekyll. Double blue, 18 in.	$0.10	$0.15
Nycterinia Capensis. White sweet scented. 1 ft. ¼ oz., 40c	.15	....
Oxalis Tropaeoloides. Yellow, brown foliage, 3 in. ¼ oz., 60c	.25	....
Rosea. Very fine, 6 in.	.50	....
Valdiviana (Golden Cloth). Yellow, sweet. 6 in.	.25	....

Papaver—Poppy

	Trade pkt.	Oz.
American Legion. Orange-scarlet flowers; are remarkable keepers	$0.10	$0.30
Barr's Tall Double Salmon Shades. Irresistible	.15	.50
Cardinal Type Dwarf. Double fringed selection from Carnation Fld. Chamois, Scarlet, Blush Pink, Salmon Rose, White, Mixed. Each of above	.15	.50
Paeoniflorum fl. pl. Mixed lb., $1.20	....	.15
Red, Salmon pink, White, Bright Rose. Each of above lb., $2.80	.10	.30
Rhoeas Shirley. Shades of pink and rose mixed, lb., 3.00	.10	.30
Blue Shirley	.15	.50
Salmon Shades	.15	.50
Wild Rose Shirley	.15	.50
Flanders Field. English Field. Scarlet lb., 2.40	.10	.25
Begonia Flowered Mixed. The flowers resemble the double tuberous rooted begonias in form. Contains an assortment of lovely light shades	.15	.40
Sweet Briar. A delightful shade of deep rose pink. The blossoms are full double, resembling a very large double begonia	.15	.50
Scarlet King. Double scarlet lb., $2.40	.10	.25
Somniferum fl. pl. Double Carnation-flowered. Mixed lb., $1.00	....	.15
Vaughan's Special Mixture. Double and Single lb., 3.40	.10	.35

For Oriental and Nudicaule Poppies, see Perennial pages.

Passiflora Coerulea (Passion Flower). Blue. ¼ oz., 40c	.20	1.20
Pennisetum Rueppelianum (Purple Feather Grass), 36 in.	.15	.60
Longistylum, 18 in.	.15	.50

Pentstemon

These attractive tubular or bell-shaped flowers, produced on good strong spikes make very fine plants that are exceptionally good for bedding and border planting. Although a perennial in warmer climate, they are easily grown as an annual. Sow seed early (January-March) and treat as other annual bedding plants.

	Trade pkt.	Oz.
Sensation. The most brilliant and varied colors, many of which are beautifully edged with a fine contrasting color. 2 ft ¼ oz., 80c	$0.35	$2.80
Red Shades. 2 ft ¼ oz., $1.00	.35	
Pink Shades ¼ oz., 1.00	.35	....
Violet Shades ¼ oz., 1.00	.35	....
Miniature Hybrids. 2½ to 3 ft. Graceful sprays covered with miniature flowers in a wide color range ¼ oz., $1.00	.35	....
Southgate Gem. Crimson-scarlet. Splendid for pots and bedding out, 2 ft. ¼ oz., 70c	25	....
Perilla Nankinensis. Valuable foliage plant resembling Coleus; dark mulberry-colored leaves, does well in cities, smoke and gas do not affect it. Used largely in Chicago Parks and in St. Mary's of the Lake Seminary, Mundelein, Ill.	.10	.30
Phacelia Campanularia. Gentian blue, white anthers, 6 in.	.15	60

Pheasant's Eye Pink. See Dianthus Plumarius in Perennial pages.

Portulaca

	Trade pkt.	Oz
Single large-flowering sorts, mixed lb., $4.20	$0.10	$0.40
White, Yellow, Scarlet and Pink, each	.15	.60
Parana, Large-flowering, rosy carmine	.15	.60
Double sorts, finest mixed ¼ oz., 60c	.25	2.00
White, Pink, Scarlet, Yellow, Salmon, each ¼ oz., 70c	.25	2.40
Scarlet Glow. An exceptionally brilliant scarlet. ¼ oz., 90c	.35	3.00

Giant Pansies

Swiss Alpenglow. Rich wine-red shades. Trade pkt., **50c; ⅛ oz., $1.00; ¼ oz., $1.75; oz., $6.00.**

Swiss Berna. Dark violet-blue. Trade pkt., **50c; ⅛ oz., 85c; ¼ oz., $1.50; oz., $5.00.**

Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blue blotches. Ideal for cemetery planting. Trade pkt., **50c; ⅛ oz., 85c; ¼ oz., $1.50; oz., $5.00.**

Coronation Gold. Flowers canary yellow with lower petals flushed golden orange, round flowers as much as 3 in. across, with slightly ruffled edges, mild spicy scent. Some flowers show rays and lighter yellow flowers.....Trade pkt., **$1.00; ⅛ oz., $1.50; ¼ oz., $2.80; oz., $10.00.**

Delft Blue. Porcelain blue, a very unique color. Trade pkt., **50c; ⅛ oz., 90c; ¼ oz., $1.65; oz., $6.00.**

Swiss Fire Beacon. Very unusual shade, bright wallflower red with a touch of orange. Trade pkt., **50c; ⅛ oz., $1.25; ¼ oz., $2.25; oz., $8.00.**

Swiss Luna. Soft sulphur yellow self, round substantial flower with frilled edge. A delicate and lovely color, varies. Trade pkt., **50c; ⅛ oz., $1.25; ¼ oz., $2.25; oz., $8.00.**

Swiss Ophir. Blotched golden yellow. Trade pkt., **50c; ⅛ oz., $1.00; ¼ oz., $1.75; oz., $6.00.**

Swiss Pure Yellow. The flowers are not so large as those of the other Swiss sorts. Trade pkt., **50c; ¼ oz., $1.35; oz., $5.00.**

Swiss Pure White. Very free blooming, large, well-shaped flower. The best pure white Pansy. Trade pkt., **50c; ⅛ oz., $1.00; ¼ oz., $1.75; oz., $7.00.**

Swiss Rhinegold. Canary yellow with dark blotches. Trade pkt., **50c; ⅛ oz., $1.00; ¼ oz., $1.75; oz., $6.00.**

Geneva Giant. A special selection of Swiss Giants. The seed we supply is from the originator in Geneva, Switzerland. Trade pkt., **$1.00; ⅛ oz., $2.25; ¼ oz., $4.20; oz., $16.00.**

Roggli Giant Mixture. A choice mixture of large-flowering pansies, very freely produced and in a great variety of colors for either bedding or cut flower purposes. Trade pkt., **50c; ¼ oz., $1.50; oz., $4.50; 4 oz., $15.00.**

SWISS DWARF MIXED

For those who desire a dwarfer plant than the original type, we have had our grower make this selection. The colors are the same as in the original strain but the plant itself is considerably shorter. Trade pkt., **50c; ⅛ oz., $1.00; ¼ oz., $1.80; oz., $6.00; 4 oz., $20.00.**

VAUGHAN'S MAPLE LEAF GIANT MIXED

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. A prize winner. Trade pkt., **50c; ⅛ oz., $1.00; ¼ oz., $1.80; oz., $6.00; 4 oz., $20.00; lb., $70.00.**

VAUGHAN'S SUPER MAPLE LEAF MIXTURE

This strain is even finer than the above, with flowers of unbelievable size and texture, larger than in any other strain; while the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., **75c; ⅛ oz., $1.30; ¼ oz., $2.50; oz., $9.00.**

SEPARATE SORTS	Trade pkt.	¼ oz.	Oz.
Adonis. Light blue, white center	$0.25	$0.40	$1.40
Apollo. Bronze	.25	.50	1.60
Beaconsfield. Deep purple, upper petals white	.25	.40	1.40
Black. Large flowered, true black	.25	.40	1.40
Blue Boy (Early Flowering). Clear, pure, silvery lilac	.25	.40	1.40
Bugnot. Shades of red, bronze and cardinal	.25	.70	2.40
Rembrandt. Compact habit of plant, long stemmed, five blotched, vivid bronze-orange	.50	1.20	4.20
Cardinal. Brilliant red	.25	.60	2.00
Emperor William. Dark navy-blue	.25	.40	1.40
Fanal. Scarlet without an eye. ⅛ oz., $1.00	.35	....	....
Golden Queen. Yellow without blotches	.25	.40	1.40
Madame Perret. Shades of pink and rose	.25	.40	1.40
President McKinley. Golden yellow, five spotted	.25	.60	2.20
Prince Henry. Darkest blue	.25	.40	1.40
Purple. Very large, rich deep purple	.25	.40	1.40
White with Dark Eye. Very large	.25	.40	1.40
White, Pure. Without blotches	.25	.40	1.40
Yellow with Dark Eye	.25	.40	1.40

Baby Delight. Early flowering, blooming in 70 days from seed. Makes dwarf but compact bushy growth with a height of not more than 8 in. The flower is lovely light blue, with a pleasing "face," about 1 inch in diameter. Trade pkt., **50c; ⅛ oz., 80c.**

Pansy Trials Grown in Raised Bench at Vaughan's Greenhouses, Western Springs, Ill.

GIANT MIXTURES

America, Special Florist Strain. Good substance with wide color range. Free flowering. Trade pkt., 50c; ¼ oz., $1.80; oz., $6.00; 4 oz., $20.00; lb., $70.00.

Boulogne Giant Mixture. The flowers are large size, great substance. Trade pkt., 75c; ⅛ oz., $1.40; ¼ oz., $2.60.

Don's Winter Flowering. Vaughan's Reselected Strain. A tall growing winter flowering variety that is remarkably free flowering. Long stemmed particularly adapted for growing under glass for cut flower purposes. Trade pkt., about 1000 seeds, $2.00; ½ trade pkt., about 500 seeds, $1.00.

Donovan's Strain. Used by Michigan growers. Trade pkt., 50c; ¼ oz., $1.40; oz., $5.00; lb., $60.00.

El Dorado Strain. A very rich, bright strain, containing many unusual colors. Trade pkt., 35c; ¼ oz., $1.10; oz., $3.80.

Engelmann's Special Mixture. Scottish show type, immense flowers, bronze and reddish shades, compact and early flowering. Trade pkt., 50c; ⅛ oz., $1.20; ¼ oz., $2.25; oz., $8.00.

Engelmann's Giant Mixture. Dark and light shades, huge flowers, compact and early flowering. Trade pkt., 50c; ⅛ oz., $1.20; ¼ oz., $2.25; oz., $8.00.

Englemann's Giant and Special Mixture. Mixture of both the above. Trade pkt., 50c; ⅛ oz., $1.20; ¼ oz., $2.25; oz., $8.00.

Early-Flowering Giant, Mixed. These come into bloom 4 to 5 weeks before other varieties planted at same time. Trade pkt., 15c; ¼ oz., 30c; oz., $1.00; lb., $12.00.

Jumbo Mixed. Extra large and early; long stemmed flowers. 1/16 oz., $1.00; ⅛ oz., $1.75; ¼ oz., $3.25; ½ oz., $6.25; oz., $12.00.

Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades. Trade pkt., 25c; ¼ oz., 60c; oz., $2.20.

Trimardeau Mixed. Many colors. Trade pkt., 15c; ¼ oz., 30c; oz., $1.00; lb., $10.00.

Triumph of the Giants. A mixture of brilliant colored varieties raised by a European specialist. Trade pkt., 35c; ¼ oz., 85c; oz., $3.00.

True Scotch Show Mixture. Fancy mixture in excellent range of colors, including carmine, ruby and brown, all beautifully blotched, with **flat** substantial flowers. Short habit, large leaves. Trade pkt., 50c; ¼ oz., $1.80; oz., $6.00.

Shakespeare. This is a simple, quaint Pansy suitable for any location in the garden and can be easily grown wherever Pansies are successful. The old and small varieties of the original flower have been alone selected as they were found growing almost wild near Stratford. Its form, habit and time of flowering is similar to Viola Papilio. Trade pkt., 35c; ⅛ oz., $1.00; oz., $7.00.

See Inside Front Cover—for Pansy, Swiss Giant Mixture

Petunias

The varieties offered on our front cover represent the outstanding ones of their type, as proven in our Trial Grounds this past Summer. We flowered over 150 lines of Petunias for quality check in 1938 and believe our Florist Strains to be the very finest obtainable.

PETUNIA Vaughan's Dwarf California Giants Improved

DWARF CALIFORNIA GIANTS IMPROVED

(Vaughan Blend)

This is the best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors. This "Vaughan Blend" is a mixture of seeds from two of Europe's best Petunia growers, whose cultures we have inspected many times.

½ Trade pkt., 75c; Trade pkt., $1.25; 1/64 oz., $2.25; 1/32 oz., $4.00; 1/16 oz., $7.00.

Dwarf California Giants. Dark Selection. This is a favorite with many growers and it has given universal satisfaction.

½ Trade pkt., 60c; Trade pkt., $1.00; 1/32 oz., $3.20; ⅛ oz., $10.00.

RUFFLED GIANTS WITH LARGE-VEINED THROATS

The flowers in this section measure from 5 to 7 inches across.

		Trade pkt.	Oz.
White. With yellow throat	1/64 oz., $1.20	$0.50	....
Camilla. A beautiful, rose-pink color; rich crimson veining forms a wide halo toward the center	1/64 oz., $1.25	.75	....
Copper-Red. Dark-throated	1/64 oz., 1.25	.50	....
Copper Rose	1/64 oz., 1.25	.50	....
Copper Scarlet (Ruhm von Rieder). An outstanding variety in our trial ground. Ruffled giant analin red flowers with large throat	1/64 oz., $1.50	.50	....
German Empress. Lilac veined purple	1/64 oz., 1.20		
	1/32 oz., 2.00	.50	....
★ Giants of California. Mixed. This is a most superb mixture, not at all to be compared with the seed usually offered	1/64 oz., $1.00; 1/32 oz., $1.50; 1/16 oz., $2.50	.50	....
Harlequin. Copper-red and white	1/64 oz., 1.20	.50	....

RUFFLED GIANTS—Continued

		Trade pkt.	Oz.
King Alphonso. Dark crimson, black throated	1/64 oz., 1.00	$0.50	....
Princess of Wuerttemburg. Rose	1/64 oz., 1.20	.50	....
Prince of Wuerttemburg. Rich dark red with dark throat	1/64 oz., $1.00	.50	....
Salmon Beauty. (Marylyn) A unique color, much admired by women	1/32 oz., $2.50; 1/64 oz., $1.50	.75	....
Silver Rose. Silvery rose, large veined throat		.75	....
Supreme Florist strain of Giants of California. A strain of rose and pink shades with large ruffled, shallow, open throated flowers freely produced on strong growing plants. Blooms in less than 4 months from seed	1/32 oz., $2.40; ⅛ oz., $9.00	1.00	....
Ruffled Monsters in mixture.	⅛ oz., $5.40; 1/32 oz., 1.60		
	1/64 oz., 1.00	.50	....

LARGE SINGLE FRINGED

(Flowers 3 to 4 inches across)

Colorado Pink. Dwarf, fringed, rose pink. Makes a fine pot plant. In bloom all Summer. 18 inches	1/64 oz., $1.50; 1/32 oz., $2.50	.50	....
Columbia (New). Pleasingly attractive pink and white. Upright habit, for border work and cut.	1/32 oz., $2.80		
	1/64 oz., 1.50	.50	....
Dainty Lady. Dark cream. The plants are neat, compact, semi-dwarf and free flowering, bearing generous quantities of medium sized, delicately fringed light golden-yellow flowers throughout the summer	1/64 oz., $1.75	.50	....
Fluffy Ruffles. A very choice strain, finely fringed and ruffled	1/32 oz., $1.50; 1/16 oz., $2.75	.50	....
Golden Jubilee. It has finely fringed and delicately crinkled petals of bright carmine, tinged with scarlet, with a golden throat with light bronze colored markings. Flowers are 3½ in. in diameter and the plants very free blooming	1/64 oz., $1.50	.75	....
Pride of Portland. Rose pink	1/64 oz., 75c; 1/32 oz., $1.20	.50	....
Rapture. Orchid rose, deep rose veins, golden throat.	1/32 oz., $1.40	.50	....
Romany Lass. Coppery crimson, dark throat	1/64 oz., $1.25	.50	....
Royal Beauty (Marine). The most beautiful of all blue Petunias	1/64 oz., $1.40; 1/32 oz., $2.50	.50	....
Scarlet Beauty. The brightest scarlet of the family. Good sized, well fringed beautiful flower		.50	....
Theodosia. Large flowered, fringed, rosy pink with a clearly defined, golden throat	1/64 oz., $1.00; 1/32 oz., $1.80	.50	....
Triumph Pink	1/32 oz., 1.25	.50	....
White Beauty. White fringed.	1/64 oz., 75c; 1/32 oz., 1.20	.50	....

LARGE SINGLE PLAIN EDGED

(Flowers 3 to 4 inches across)

		Trade pkt.	Oz.
Blue Beauty. A new large flowering Petunia of clear, deep blue. Flowers of extra large size on plants of vigorous growth. Extremely free flowering	1/64 oz., $1.20	$0.50	....
Burgundy. Large-flowered, 3½-inch blooms, shades of purple or carmine with white throat and tube with violet veins	1/32 oz., $1.20	.50	....
Dwarf Pink Glory. Compact habit, pure flame rose pink	1/32 oz., $1.50	.50	....
Dwarf Scarlet Glory		1.00	....
Giant Pink Glory. Larger and somewhat taller than the above	1/32 oz., $1.00	.50	....
Giant Flaming Velvet. Vivid velvety blood red comes 100% true	1/64 oz., $1.20	.50	....
Dwarf Elk's Pride. Velvety violet. Customers will find our strain vastly superior to quality usually offered. It is really "re-selected"	1/64 oz., $1.00; 1/32 oz., $1.80	.50	....
Purple Robe (Silver Seam). Silver edge blue black. A deep velvety violet, enhanced by a fine silver line, usually appearing at the edge of the flower. The best plain edged Royal Purple. We discovered a very choice strain with a European grower	1/64 oz., $1.20	.50	....

Vaughan's Best Mixture. Large-flowering single sorts. This mixture is made up by ourselves from all the best single Petunias, both fringed and plain-edged, and will give the most satisfactory results. Trade pkt., 50c; 1/32 oz., $1.50; 1/16 oz., $2.80; oz., $40.00.

PETUNIA ALL-DOUBLE TYPE

Petunias—Continued

LARGE SINGLE PLAIN EDGED—Continued

	Trade pkt.	Oz.
Queen of the Market. Deep carmine red with a scarlet hue. Flowers fine shape and slightly waved. The nearest to a scarlet Petunia.....1/64 oz., $1.20	$0.50	....
Velvet Ball. Nana Compacta Grandiflora. This new compact and procumbent Petunia is of the same deep velvety crimson color as were the best plants in the variety Flaming Velvet, which latter sort has proved so popular. The flowers are much larger than those of any other compact variety.....1/32 oz., $1.35; 1/16 oz., $2.50	.75	....
Snow Storm. Flowers are the purest white and the uniformity of the dwarf compact growth is marvellous. We think this is one of the best large-flowered single white.....1/32 oz., $3.00; 1/64 oz., $1.75	.75	....

LARGE-FLOWERING DWARF (Erfurt strain)

	Trade pkt.	Oz.
Gaiety. Plants are bushy, 8 to 12 in. high, and are covered with large, daintily fringed rose and white blooms.....1/64 oz., $1.25; 1/32 oz., $2.00	$0.50	....
Gottfried Michaelis. Dwarf, 12 in. daintily fringed, bright amaranth red with dark throat. 1/32 oz., $1.20	.50	....
Lace Veil. 12 in. White flowers 2½ in. across.....1/64 oz., $1.50; 1/32 oz., $2.50	.50	....
Setting Sun. 12 in. Compact bushes, brilliant rose pink. The very best of its color. 1/64 oz., $1.50; 1/32 oz., $2.50	.50	....
White Cloud. 12 in. A great favorite on account of its dwarf compact habit. 1/32 oz., $1.50; 1/16 oz., $2.65	.50	....
Dwarf Grandiflora Ruffled Mixed. The above and others. This is fine for combinations. 1/32 oz., $1.80	.50	....

BALCONY PETUNIAS

The strong branching growth makes this type especially suitable for window or porch boxes and hanging baskets.

Balcony Queen (Blue Star). Blue and white	Trade pkt.	Oz.
.....1/16 oz., $1.50	$0.50	....
Blue. A splendid strain.....1/4 oz., $1.50	.35	....
Carmine King.....1/8 oz., $1.20	.50	....
Cornflower Blue. (Blue Wonder.) Several shades lighter than the regular Balcony Blue. 1/8 oz., 75c	.35	....
Copper Rose. A beautiful warm color, free bloomer. .....1/8 oz., $1.00	.35	....

PETUNIAS—Continued

BALCONY PETUNIAS—Continued

	Trade pkt.	Oz.
Rose.....1/4 oz., 75c	$0.25	$2.60
Star of California. Violet shaded crimson, white blotches.....1/4 oz., 85c	.35	....
White.....1/4 oz., 80c	.25	2.80
Balcony Mixed, the above.....1/4 oz., 80c	.25	2.80

BALCONY BLACK PRINCE. A wonderful bedding variety, color of deep rich velvety red. Free bloomer. Similar to Flaming Velvet, but richer in color and approximately 100 per cent true. Trade pkt., 35c; 1/4 oz., $1.70; 1/8 oz., $1.00.

Double Petunias

ALL-DOUBLE VARIETIES

	Trade pkt.	Oz.
All-Double Amaranth Red. 500 seeds, $1.25; .....1000 seeds, $2.00; 3000 seeds, $5.00	....	....
All-Double Appleblossom (Daintiness). Soft salmon pink flowers, 4 in., height 12 in..... 500 seeds, $1.25; 1000 seeds, $2.00; 3000 seeds, $5.00	....	....
All-Double Dwarf Giant Fringed Pure White (Snowball)..... 500 seeds, $1.25; 1000 seeds, $2.00 3000 seeds, $5.00.	....	....
All-Double Purple. 500 seeds, $1.25; 1000 seeds, $2.00; .....3000 seeds, $5.00	....	....
All-Double Dwarf Carmine Glory. Brilliant carmine flowers. (Mammoth Peony-flowered.)..... 500 seeds, $1.25; 1000 seeds, $2.00; 3000 seeds, $5.00; 1/128 oz., $3.50.	....	....
All-Double Dwarf Giant Fringed Loveliness. Clear pink. Very double compact habit. 500 seeds, $1.25; 1000 seeds, $2.00; 3000 seeds, $5.00; 1/128 oz., $3.50	....	....
All Double Orchid Beauty. Dwarf Giant Fringed variety, averaging about 4 in. across on sturdy plants a foot tall. Color orchid or light lilac, heavily veined deeper lilac or violet. Contains semi-doubles but mostly fully double..... 500 seeds, $1.25; 1000 seeds, $2.00; 3000 seeds, $5.00	....	....
All-Double Dwarf White Glory. Pure white. (Mammoth Peony-flowered.) 500 seeds, $1.25; 1000 seeds, ...$2.00; 3000 seeds, $5.00	....	....
All-Double Gaiety. Rose-red and white with beautifully frilled petals. Flowers three and one-half inches across; 500 seeds, $1.25; 1000 seeds, $2.00; 3000 seeds, $5.00.....	....	....
All-Double Dwarf Rose-Carmine (World Beauty). Fringed bright carmine flowers. 500 seeds, $1.25; 1000 seeds, $2.00; 3000 seeds, $5.00; 1/128 oz., $3.50; 1/64 oz., $6.50; 1/32 oz., $12.50; 1/16 oz., $20.00.	....	....
All-Double Dwarf Giant Fringed Mixed (Victorious). The flowers are very large, exquisitely ruffled and fringed. Our mixture contains a very large per cent of separate colors, thereby giving you a better balanced color range than has been ever offered. 500 seeds, $1.00; 1000 seeds, $2.00; 3000 seeds, $5.00; 1/128 oz., $3.50; 1/64 oz., $6.00; 1/32 oz., $11.50; 1/16 oz., $20.00.	....	....

PLEASE NOTE:

Highly bred double petunia seed is not as vigorous in growth as is that of single strains. To some extent this lack of vigor extends to the seed. Seed of our all double strains has been carefully tested in soil, and, if carefully handled, we know it will germinate 60-70%. For this reason and because of its high cost we cannot entertain claims of non-germination of this seed. If handled with due care, we know it will grow.

DOUBLE LARGE-FLOWERING

	Trade pkt.	Oz.
Giant Double Fringed Rose Queen. A glorious shade of bright rose-pink, with immense fringed flowers, five to six inches in diameter. 500 seeds, 85c; 1000 seeds,	$1.50	....
Giant Double Fringed Rose-Pink and White. Bright rose-pink flowers with a large white frill, giving the flowers the appearance of being huge balls of pink and white lace.....500 seeds, 85c; 1000 seeds	1.50	....
Double Crimson.....500 seeds, 85c; 1000 seeds, $1.50,	....	....
Double Fringed White, Lady of the Lake..... .....500 seeds, $1.00; 1000 seeds,	1.80	....

PETUNIA ROSY MORN SELECT

DOUBLE PETUNIA LARGE FLOWERING—Cont.	Trade pkt.	Oz.
Double Rose and White....500 seeds, 85c; 1000 seeds,	$1.50	....
Double Shepherd's Pride. Flowers large, very double, fringed and of an alluring shade of salmon or shrimp-pink.....500 seeds 85c; 1000 seeds, $1.50	....	....
Vaughan's Special Mixture. Double extra choice, 500 seeds, $1.00; 1000 seeds, $1.80....1/64 oz., $6.00	....	....

SMALL FLOWERING DOUBLE

From 40 to 50% of double flowers can be expected of the following.

Inimitable. Blotched and striped. 1/64 oz., $1.40 .....1000 seeds,	$1.00	....
Rosy Morn. A beautiful double pink about 35% double..1/64 oz., $1.60; 5000 seeds, $4.00; 1000 seeds,	1.00	....
Snowball. Double Lilliput White.....1/64 oz., $1.60 .....1000 seeds,	1.00	....

SINGLE SMALL-FLOWERED SORTS

	Trade pkt.	Oz.
Blue King. Like Violacea in habit but several shades lighter.....1/4 oz., 40c	$0.25	$1.40
Flaming Velvet. Rich brilliant velvety blood-red or crimson flower..... 1/4 oz., 90c	.35	3.00
General Dodds. Blood-red.....1/4 oz., 50c	.25	1.40
Hollywood Star. Five pointed star, rose pink, creamy eye.....	.50	....
Howard's Star. Improved; re-selected.....1/4 oz., 90c	.35	3.00
Norma. Violet blue with white star.....1/4 oz., 40c	.25	1.40
Topaz Rose. The color is a fiery velvety rose slightly suffused with gold, and the throat is the color of topaz.....1/4 oz., $1.00	.35	3.75
Violacea. Violet.....1/4 oz., 50c	.25	1.70

SINGLE SMALL-FLOWERED DWARF SORTS

	Trade pkt.	Oz.
Admiral. Re-selected. This is by far the best of the dwarf blue petunias. The flowers are of good size, have wavy edges and are of clear blue..1/32 oz., $1.75	$0.75	....
Alderman. Dark violet.....1/4 oz., 60c	.25	$2.00
Blue Bird. Deep violet, extra fine.....1/4 oz., 70c	.35	2.40
Celestial Rose. A great improvement on Rose of Heaven, being more compact in growth and deeper in color. A beautiful rich satiny rose..... .....2 oz., $7.00; 1/4 oz., $1.25; 1/8 oz., 75c;	.35	4.00
Cockatoo. The flowers are a velvety deep violet-purple with irregular sized white spots and stars. 8 in.....1/8 oz., $1.20	.35	....
Dwarf Flaming Velvet (King Henry). Large flowers of a rich velvety blood red color. Very free flowering. Dwarf compact habit.....1/32 oz., $1.20	.50	....
Dwarf Inimitable. Blotched and striped..1/4 oz., 40c	.25	1.40
Miniature, 6 in. A new strain of Dwarf Compact Miniature Sorts.		
Brilliant Rose Gem. Rich deep rose.....	.50	....
Rose Gem. Deep rose.....1/8 oz., $1.00	.40	....
Royal Gem. Deep rosy crimson-carmine, lightly veined carmine throat.....1/32 oz., $1.00	.50	....

SINGLE SMALL-FLOWERED DWARF SORTS—Cont.	Tr. pkt.	Oz.
Heavenly Blue. Reselected..1/4 oz., $1.50; 1/8 oz., 90c	$0.50	$4.80
"Ladybird." Bright carmine overlaid with scarlet. Excellent pot plant, and suitable for bedding.....	.75	....
Martha Washington. Flowers frilled and ruffled, 3 inches in diameter. Blush pink veined rich wine red, deepening at throat, which is a dark violet. 9 in. .....1/32 oz., 90c 1/16 oz., $1.60	.50	....
Periwinkle. A delightful pastel blue.....1/4 oz., 70c	.25	2.40
Rose King Improved. Deep clear rose pink. 1/4 oz., 60c	.25	2.20
Rose of Heaven Supreme. The best strain on the market. One of our "finds" on an inspection tour. .....1/16 oz., $1.20	.50	....
Rose of Heaven. No. 22. Extra dwarf..1/4 oz., $1.00	.50	3.60
Rose Queen Improved. New, intense brilliant rose. .....1/4 oz., $1.50 1/8 oz., 90c	.50	4.75
Rosy Morn. Select. Pink with white throat.1/4 oz., 70c	.35	2.40
Rosy Morn Improved. Very attractive color, bright, and comes very true, slightly deeper in shade than the original.....1/4 oz., $1.75	.50	...
Salmon Supreme. Distinct new light salmon color. Flowers about 1 1/2 inch across with white throat and plain petals .....1/16 oz. $2.50	.50	....
Senator. Purplish violet, white throat....1/4 oz., 80c	.35	2.80
Snow Queen. White, compact.....1/4 oz., 50c	.25	1.60
Sutton's Blue Bedder, mid blue.....1/4 oz., 50c	.25	1.80
Twinkles. Masses of small, brilliant rose flowers with well-defined pure white star.....1/4 oz., 50c	.25	1.80
Vaughan's Special Dwarf Mixture. Small-flowering sorts.....1/4 oz., 60c	.25	2.00

Phlox Drummondi Grandiflora

These grandiflora varieties make fine cut flowers. For best results, sow seed where you want them to bloom.

Alba. White.
Alba Oculata. White with eye.
Atropurpurea Alba Oculata. Deep red, white eye.
Brilliant. Rose with dark eye.
Chamois Rose.
Carnea. Flesh.
Cinnabarina. Brilliant red.
Flaming Velvet. Deep velvety red.
Isabellina. Buff. Yellow.
Kermesina Splendens. Crimson.
Rosea. Pink.
Scarlet.
Stellata Splendens. Scarlet with white eye.
Violet. With white eye.
Violet Blue. 1/4 oz., 40c; oz., $1.20.
Vermillon Scarlet.

Each of above, except as noted otherwise, trade pkt., 20c; 1/4 oz., 30c; oz., $1.00.

	Trade pkt.	Oz.
Best large-flowering. Mixed, lb., $10.00; 1/4 oz., 25c	.15	.90
Vaughan's Special Mixture. Includes all the grandiflora varieties listed and others.....1/4 oz., 40c	.25	1.40
Cuspidata Mixed (Star of Quedlinburg)...1/4 oz., 30c	.20	1.00
Gigantea Art Shades.....1/4 oz., 50c	.25	1.60
Salmon Glory. Pure salmon pink with creamy white eye. New.....	.50	....

NANA COMPACTA (Dwarf) 6 inch

Dwarf Phlox plants for combination pots are very useful. Grown in pots, they make fine plants for spring sales.

Apricot Yellow.....1/4 oz., 60c	$0.25	$2.20
Chamois.....1/4 oz., 70c	.25	2.60
Cinnabarina. Brilliant red.....1/4 oz., 60c	.25	2.20
Delicata. Salmon-pink, carmine eye....1/4 oz., 80c	.35	....
Fireball.....1/4 oz., 70c	.25	2.40
Flaming Velvet. Deep velvety red.....1/4 oz., 60c	.25	2.20
Isabellina. Buff-yellow.....1/4 oz., 70c	.25	2.40
Mirabilis. Salmon-pink with white eye..1/4 oz., 70c	.25	2.40
Sky-Blue, with eye, fine for edging.....1/4 oz., 70c	.25	2.40
Snowball.....1/4 oz., 70c	.25	2.40
Violet.....1/4 oz., 85c	.35	2.80
Violet with Eye.....1/4 oz., 70c	.25	2.60
Vaughan's Special Mixture.....1/4 oz., 70c	.25	2.60

PHLOX VAUGHAN'S BEAUTY

This fine strain of large flowering dwarf Phlox is especially recommended for pot culture, combination and border planting. The plants grow about 8 inches high, compact, and very free-blooming.

Alba. White.....1/4 oz., $1.00	.35	....
Chamois.....1/4 oz., 1.00	.35	....
Coccinea Scarlet.....1/4 oz., 1.00	.35	....
Coerulea Striata. Blue striped.....1/4 oz., 1.00	.35	....
Delicata. Apricot pink, dark eye.....1/4 oz., 1.00	.35	....
Phlox Vaughan's Beauty. Mixed.....1/4 oz., 60c	.25	$2.00

Primula Obconica

These large flowering brilliant colored primroses are one of the most popular pot plants for winter and spring sales. The small plants are very useful for combinations for Easter. January sown seed will produce large plants for the holidays. Seed sown in March and April will make fine plants for spring and Easter. Cultural instructions sent with seed.

		Trade pkt.	Oz.
Grandiflora Alba. (Avalanche) White	1/64 oz., $1.80	$1.00	....
Appleblossom. Pink		.50	....
"Better Days." Deep carmine red. Very large flowering. The compact, well-branched growth is very symmetrical and the mass of flower heads show evenly above the dark green foliage, on strong stems	1/32 oz., $3.75 1/64 oz., $2.00	1.00	....
Sky-Blue. (Konigsee)	1/64 oz., 2.00	1.00	....
Dark Blood Red (Bayern Blut)	1/64 oz., 2.00	1.00	....
Fassbender Red. Flowers rich deep red of enormous size	1/64 oz., $1.80;	1.00	....
Lachsrosa (Friesdorf). A beautiful salmon-rose.	1/64 oz., $1.80	1.00	....
Mueller's (Berlin) Rose	1/16 oz., $5.00; 1/64 oz., 1.80	1.00	....
Mohnstein's Dark Red	1/64 oz., 1.80	1.00	....
Rose Queen. (Alsmeer Rose). Pure rose, giant trusses of large flowers	1/64 oz., $1.80	1.00	....
Ruby		1.00	....
Mixed, many colors	1/32 oz., 1.50	.50	....
Gigantea Rosea. Fine	1/32 oz., 1.80	1.00	....
Salmon Queen. 8 in.	1/64 oz., 1.80	1.00	....
Mixed	1/32 oz., 1.60	.50	....
Double Portland Beauty. Light to dark rose pink	750 seeds, $1.50	....	....

Primula Chinese Giant

Chinese primroses with their beautiful fringed petals make attractive pot plants for Christmas sales. Sow seed in April and May to have well grown plants for 5 inch pots. Summer sowing will make fine plants for later winter and spring selling.

Trade pkt., any of the following, except noted, 250 seeds, each, 50c.

Chiswick Red Improved. Red.
Covent Garden White.
Giant Pink. Extremely large petals of great substance.
Giant Salmon. Massive heads of flowers of great substance.
Queen Mary. Rose-pink.
True Blue.
Giant Mixed. Includes this year a number of new shades. 1/32 oz., $2.80.
Dazzler. A brilliant and unique shade of orange-red, exceptionally floriferous and long lasting. 1/64 oz., $2.50; 250 seeds, $1.00.
Vaughan's International Mixture. This mixture is composed of the most salable colors of single-flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors. Trade pkt. of 250 seeds, 50c; 1/32 oz., $2.00

Primula Sinensis Stellata

This star-shaped type primrose is indispensable for general decorative work. The plants are very free flowering and bloom for a long period.

Giant Blue Star
Giant White Star
Giant Salmon Pink Star
Giant Star Mixed
Each, trade pkt. (250 seeds), 50c.

Primula Various Sorts

Recent improvements in this Baby Primrose class have made them indispensable for Florist's use. Seed sown in May or June will produce large plants for Christmas. September sown seed will produce nice plants for Easter and Mothers Day.

		Trade pkt.	Oz.
Malacoides (Baby Primrose). Light lilac	1/8 oz., 90c	$0.50	....
Courtland Seedling. Clear lilac pink	1000 seeds,	.50	....
Salmon Rose	1/32 oz., $1.20	.50	....
Dawkin's Carmine King	1/64 oz., $1.80; 1000 seeds	.50	....
Princess Mary. Deep rose pink	1/64 oz., $1.00	.50	....
Rosea Superba. Beautiful pink	1/16 oz., $1.25	.50	....
Snow Queen. Single white	1/64 oz., $1.80; 1000 seeds	.50	....
Double White.	1/32 oz., $1.80; 1000 seeds,	.50	....
Erikssoni. Appleblossom. Pink and white	500 seeds,	1.00	....
Baby Rose, Deep rose	1/32 oz., $2.00; 800 seeds,	1.00	....
Baby Doll, Frilled deep pink	800 seeds,	1.00	....
Brilliancy, Opens lavender, changing to crimson-red	1/64 oz., $1.50; 800 seeds,	1.00	....
Snow King, Pure white	6 pkts., $5.00; 800 seeds,	1.00	....
New Baby, Lavender-pink	1/64 oz., $3.00; 800 seeds,	1.00	....

PRIMULA Obconica Grandiflora, Better Days.

PRIMULA MALACOIDES ERIKSSONI Continued		Trade pkt.	Oz.
Salmon Beauty, True salmon	1/64 oz., $2.00; 800 seeds,	$1.00	....
Wonder Baby, Pink	800 seeds,	1.00	....
Erikssoni Mixed	1/32 oz., $1.80	.50	....
Race Oranienburg. Produces round, closed flowers one inch and more in diameter, very free-blooming well rounded flower. Color bright violet with yellow eye	1/32 oz., $1.80; 1000 seeds	.50	....
Kewensis. Yellow, decorative, winter-flowering greenhouse plant. 12 in.	1/32 oz., $1.25	.50	....
Pyrethrum Parthenifolium Aureum (Golden Feather)		.10	$0.40
Rhodanthe. Mixed, splendid everlastings		.15	.40

Ricinus—Castor Beans

Borboniensis Arboreus. 10 to 15 ft.	lb., $1.40	....	.15
Cambodgensis. Very dark, 4 ft.	lb., 1.40	....	.15
Crimson Spire. 6 ft.		.10	.30
Gibsoni. Dark red leaves, metallic lustre		.10	.30
Sanguineus. Red leaves, 7 ft.	lb., 1.20	....	.15
Mixed. Many kinds	lb., 1.20	....	.10
Zanzibarensis Enormis. Carmine seeds, 7 ft.	lb., 2.20	....	.20
Zanzibarensis Mixed	lb., 1.20	....	.15
Rochea Falcata. A beautiful greenhouse plant, similar to Echeveria; fine flower spikes with scarlet blooms. 18 in. 500 seeds, $1.20; 1000 seeds, $2.00		....	....
Rudbeckia Bicolor Superba. Large golden yellow, dark spots, 2 ft.		.10	.40
Kelvedon Star. A perfect long-stemmed flower for cutting. The flowers vary both in form and coloring, but all have dark brown central discs, surrounded by a shining mahogany zone on petals of deep orange	1/4 oz., 45c	25	1.60
Kelvedon Star Double. Double form of the above	1/4 oz., 50c	.25	1.80
See also Perennials.			
Saintpaulia Ionantha Cordata. Dark cordated leaves, strong growth and large flowers of a deep lavender color. Blooms in 6 months from seed.		1.00	....
Ionantha Grandiflora (African Violet). Charming deep blue flowering pot plant which blossoms in uninterrupted succession	1-128 oz., $7.00	1.00	....
Kewensis. It blooms freely for a long period. It differs considerably from the Ionantha and Cordata on account of its small delicate green leaves. The shining blue flower, reminding one of violets, contrasts well with the light green rosette of leaves.		1.00	....

Salpiglossis

Excellent summer flowering showy annuals that are easily grown and fine for cutting. Sow seed where you want them to bloom as they resent transplanting. Seed sown in greenhouse in January will bloom in May.

Large-Flowering. Superbissima (Emperor).

Brown and Gold	Purple and Gold
Chamois	Rose and Gold
Crimson	Scarlet and Gold
Faust	Velvety Red
Golden Yellow	Velvety Violet
Light Blue and Gold	Violet and Gold
Purple	White and Gold

	Trade pkt.	Oz.
Each of the above	$0.15	$0.80
Vaughan's Special Mixture. Made from above-named sorts ¼ oz., 30c	.20	1.00
Giant Flowered Dwarf Mixed. These have a compact branching habit, with individual flowers half again as large as the Emperor type. It is ideally suited for bedding purposes as they, being floriferous, cover the entire head of the plant with blossoms ¼ oz., 70c	.25	2.40

Salvia Splendens

With new varieties such as Fire Charm and Early Harbinger, these showy bedding plants can now be had in bloom from summer to frost. Sow seed in flats and give bottom heat as this helps germination of seed considerably.

	Trade pkt.	Oz.
America (Globe of Fire). A favorite with many growers. Plants grow about 18 inches high, in uniform dense globe-shaped bushes ¼ oz., 60c; lb., $26.00	$0.35	$2.00
Early Harbinger (Fire Brand). Northern grown seed. Of uniform type, about 15 inches in height, free and early flowering. We recommend this very highly. ¼ oz., $1.20	.50	4.00
Clara Bedman (Bonfire). Erect habit—the old standby, 16-inch ¼ oz., 50c; lb., $18.00	.25	1.80
Fire Charm. Dwarf form of Fireball. Very early. Sow late in spring for early summer bloom 500 seeds, 90c; 1000 seeds, $1.60; ¼ oz., $2.80	....	10.00
Fireball. Extra choice strain; free-flowering, 14 inch. ¼ oz., 60c; lb., $24.00	.35	2.00
Salmon ¼ oz., 60c	.35	....
Rocket. Extra early, dwarf ¼ oz., 85c; 4 oz., 11.00	.35	3.00
Alba. White, buds tipped pink ¼ oz., 85c	.35	....
Maroon Prince. Plum color. 24-inch ¼ oz., 90c	.35	3.20
Zurich. Very early and very dwarf, 12 in. ¼ oz., 60c	.35	2.00
Salvia. Farinacea Blue Bedder. Compact plant, deep blue flowers effective in mass planting. The long graceful stems are useful for cutting ¼ oz., 50c	.25	1.80
Horminum Oxford Blue. The bracts are Oxford-blue, very broad, and of a pureness of tone that can be found in no other annual	.25	1.00
Blue Beard. Annual, dark blue, 1 ft.	.15	.50

See also Perennial pages.

Scabiosa (Pincushion Flower)

Ageratum Blue. Fine mid-blue	.15	.50
Azure Fairy. A splendid cut-flower	.15	.50
Black Prince	.15	.50
Blue Cockade. Deeper than Azure Fairy. Lb., $6.00	.15	.50
Blue Moon. New type entirely double, without center, deep lavender blue ¼ oz., 85c	.35	3.00
Cattleya. Rich rosy lilac, orchid tone	.15	.50
Cherry-Red	.15	.50
Coral Pink	.15	.60
Fire King	.15	.50
La Fee. A very double, highly perfected Azure Fairy. Was given a special award by the New Jersey Experiment Station ¼ oz., 50c	.25	1.40
Loveliness. Soft delicate salmon rose color. It has long, stiff stems and a delightful fragrance Lb., $6.00	.15	.60
Peachblossom	.15	.60
Rosette. Beautiful shade of deep rose heavily suffused with salmon. The flowers are extra large and the stems are long and stiff ¼ oz., 50c;	.25	1.40
Salmon Beauty. A pure salmon in color with huge flowers and with great vigor of growth ¼ oz., 70c	.35	2.40
Shasta. Pure white of enormous size	.15	.50
Vaughan's Special Mixture Lb., $6.00	.15	.60
Dwarf Coral Rose. Deep rose pink tinged salmon, 8 in.	.15	.80
Mixed	.15	.50

	Trade pkt.	Oz.
Sanvitalia (Creeping Zinnia) Procumbens Fl. Pl. Double yellow, dwarf ¼ oz., 40c	$0.25	$1.40
Saponaria. Vaccaria Rose. Incorrectly spoken of as pink Gypsophila. The light graceful sprays of glistening flowers produced in greatest profusion lb., $1.40	....	.15
Alba, White lb., 1.40	....	.15
Saxifraga Sarmentosa "Mother of Thousands" 100 seeds, 25c: 1000 seeds, $2.00.		

Schizanthus

VAUGHAN'S DWARF MASTERPIECE

This is to our knowledge the best strain of Schizanthus in existence. The plants grow dwarf and compact, making them most suitable for pot culture. The color range of the flowers, which are of good size, is the most varied, well-balanced from light to pink and rose, very pleasing dark violet, all with conspicuous blotches. ⅛ oz., $1.00; trade pkt., 50c.

	Trade pkt.	Oz.
Vaughan's Excelsior Hybrids. A choice strain with very large flowers in an excellent blend of colors. A splendid cut-flower item 1/16 oz., $1.00	$0.50	....
Monarch Strain. The flowers have immense petals and the majority are beautified by a gold veining so exceptionally heavy that it makes Monarch Reselected distinct from all other mixtures ⅛ oz., $1.00	.50	....
Pansy-flowered. The large, pansy-flowered blooms are remarkably substantial, while the rich self-colors in all shades of pink, crimson, mauve and purple, as well as white, are extremely bright and attractive ⅛ oz., $1.00	.35	....
Wisetonensis. Rose and amber shades ¼ oz., $1.00	.35	....
Rose and pink shades ¼ oz., $1.00	.35	....
Dr. Badger's Hybrids. Splendid large flowers with brilliant coloring ¼ oz., $1.00	.35	....
Vaughan's Semi-Dwarf, in mixture. A very fine strain, suitable for pot culture and cutting ⅛ oz., $1.00	.50	....
Bridal Veil. Pure white, excellent ⅛ oz., 75c	.35	....
Retusus. Mixed	.25	....

Sedum Bellum "Dondo"

A NEW WINTER-BLOOMING POT PLANT

This new sedum forms dense little clumps literally covered with small white flowers. The plants grow 10-12 inches in height and when older the fleshly branches hang over the edge of the pots forming a a most charming and attractive subject. Pkt., 60c,

SEDUM BELLUM "DONDO"

	Trade pkt.	Oz.
Sensitive Plant (Mimosa Pudica)	$0.10	$0.30
Senecio Elegans fl. pl. Mixed ¼ oz., 50c	.25	1.80
Shamrock Lb., $5.00	.15	.50
Smilax Lb., 5.00	.15	.50
Snapdragon. See Antirrhinum.		
Stevia Serrata. White, fine cut-flower ¼ oz. 40c	25	1 40
Lindleyana. White. Is very useful for florist work. It must be sown in March indoors; prick out in frame and transplant into the open after spring-frosts are over ⅛ oz., $1.00	.50	....

Streptocarpus New English Hybrids (Cape Primrose)

A superb strain with a wide range of colors. Lovely in shades of pink, mauve, lavender, white, deep rose, carmine and blue. The flowers attain a diameter of 2 inches and over, similar in shape to Gloxinias. They are borne on wiry stems and last long when cut. A fine pot plant for winter blooming when sown in January or February. For soil, use the same as that in which Gloxinias thrive. They should be grown rather cooler than Gloxinias.

Largest Hybrids Mixed, 1/64 oz., $1.80; tr. pkt., 1.00.

Stocks

Varieties preceded by (★) star are the most popular colors.

Our Stock seed is secured from the most reliable growers, who devote much time and attention to rogueing and selecting, and better seed cannot be had. We have furnished seed for many years to the most critical growers of this plant.

A leaflet on "Methods of Selecting Double Flowered Stocks in the Seedling Stage" by S. L. Emsiveller, will be included in all orders for column stocks seed.

"NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2½ ft. high and can be planted close together in the bench, which makes them a profitable type. Are in season with Bismarck variety.

American Beauty, (deep rose).
★Ball Blue. Dark lilac blue.
Brilliant Rose.
★Chamois Pink.
Malmaison Pink. Beautiful shell pink.
Moonlight. Light yellow.
Ruby. Rich crimson red.
Satin Rose.
★Silvery Lilac. Lilac lavender.
★White tinged rose.

★Ball Pink (No. 11). Lightrose pink exact shade of Bismarck Rose. Long stemmed flowers, well placed on stem. A very pleasing new color in the Non-Branching type.

Each of the above: ½ trade pkt., 60c; Trade pkt., (about 1,000 seeds), $1.00; ⅛ oz., $1.25; ¼ oz., $2.25; Oz., $8.00.

Non-Branching Column. Mixed. All colors. ½ Trade Pkt., 60c; Trade Pkt., $1.00; ⅛ oz., $1.25; ¼ oz., $2.25; Oz., $8.00.

★Vaughan's White No. 1. By personal inspection this strain is, in our judgment, the finest pure white Non-Branching Column Stock in existence. ½ Trade pkt., 60c; Trade pkt., $1.00; ⅛ oz., $1.50; ¼ oz., $2.50; oz., $9.00.

GIANTS OF CALIFORNIA

This magnificent group comes very early, having the branching habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

Blood Red "The Red Woods"
Blue "Pacific"
Chamois "Santa Barbara"
Lavender "Tahoe"
Pink "Monterey"
Rose "Yosemite"
White "Santa Maria"
Yellow "Golden Gate"

Each of above, **Trade pkt., 35c; ⅛ oz., 65; ¼ oz., $1.15; oz., $4.00**

Mixed, the above, **Trade pkt., 25; ⅛ oz., 60c; oz., $3.40.**

GIANT BISMARCK

One of the best Stocks, both for inside and outside planting. The plants grow in pyramidal form, about 20 inches, are strong and robust and are covered with large double flowers. If planted closely they make one spike with hardly any side branches.

Antique Copper **Appleblossom.** (Used by many for white.)
★Buttercup. Deeper shade than Gold Ball.
★Chamois **Dark Blue** **Elk's Pride.** Royal purple.
Flesh. Delicate Pink **Fiery Blood-Red** **Gold Ball**
Golden Rose **★Lavender** **★Lilac** **Old Rose** **★Rose**

	Trade pkt.	Oz.
★Shasta. Vigorous, glistening white. Each of the above.....⅛ oz., 60c; ¼ oz., $1.00	$0.35	$3.00
Giant Bismarck, Mixed. All colors.....¼ oz., 60c	.25	2 20
★White Wonder. It is a tall growing variety of the Bismarck type in habit. The heads are very large and the individual flowers are closely set and of extraordinary size.....⅛ oz., .90	.35	3.20

EMPEROR OR WINTER

Empress Elizabeth. Brilliant carmine rose. ¼ oz.,	.90	.35	3.20

DWARF LARGE-FLOWERING TEN WEEKS

Compact pyramidal growth, excellent for pots and bedding. Not desirable for cutting.

Blood-Red **Dark Blue** **Lavender**
Bright Pink **Deep Rose** (Carmine Pink) **Light Blue**
Canary-Yellow **White**

	Trade pkt.	Oz.
Each of above.....¼ oz., 50c	$0.25	$1.80
Dwarf Large-Flowering. 10 Weeks. **Extra choice.** Mixed. .....¼ oz., 50c	.25	1.60

STOCKS Type of Giant Bismarck

Statice

Attractive annuals of easy culture that can be used as fresh or everlasting flowers.

		Trade pkt.	oz.
Sinuata. True Blue. Fine cut-flower.....	lb., $2.00	$010	$0.25
Kampf Improved variety. See original for description.....	lb., $2.00	.10	.20
Bouquet Blue. Darker than Kampfs.....		.15	.80
Market Growers Deep blue.....		.15	.80
Pale Violet with yellow center.....		.15	.80
White, Pure.....	lb., 1.80	.10	.20
Rosea Superba.....	lb., 2.80	.10	.30
Pastel shades mixed.....		.15	.50
New colors mixed.....		.15	.50
Bonduelli, Superba. Golden yellow.....	lb., 4.00	.10	.35
Puberula. Flowers 5 months after sowing, grows only 4-6 in. high and forms large magnificent dark violet blooms. It can be used for pots and in the open, also in rock gardens.....	¼ oz., 60c	.25	2.20
Suworowii. Russian or Rat tail. Flowers bright rose color. Can be grown in cool house. 30 inch.....	4 oz., $2.00	.15	60

STRAWBERRY BARON SOLEMACHER RED

A Good Mother's Day Item

The creation of a European specialist and the result of 35 years of cultivation. It is of the small fruited Alpine type and produces compact plants without runners. Plant seed in pots from January to April, keeping evenly moist and shaded. These seedlings will produce abundant fruit the first summer and continue bearing right into autumn.

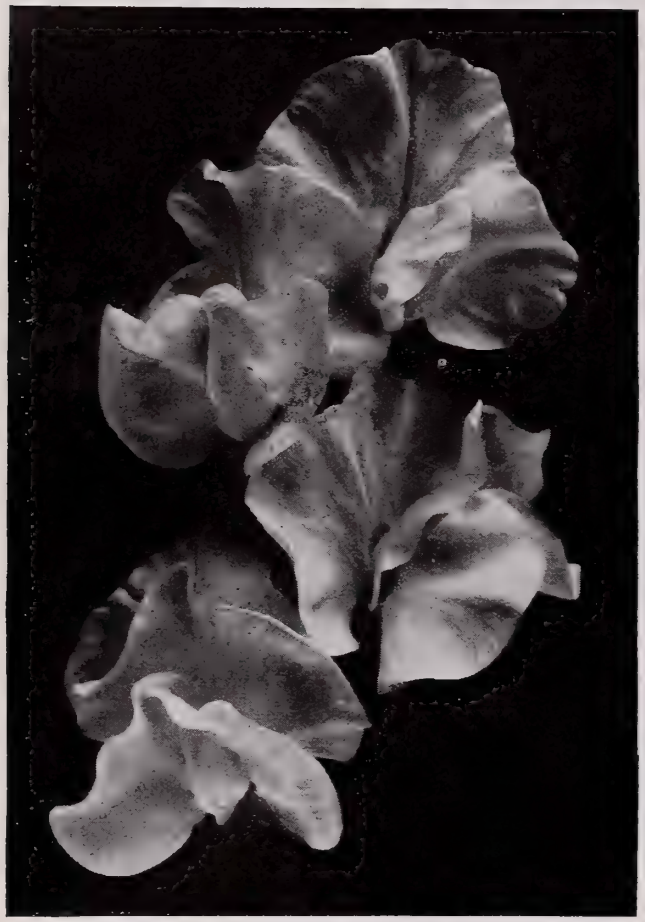
Trade pkt., 50c; ⅛ oz., $2.00; 1/16 oz., $1.30.

Baron Solemacher, Yellow. 1/16 oz., $1.50; trade pkt., 50c.

Strelitzia Reginae. Bird of Paradise. Orange and blue. 6 ft. 10 seeds, $2.20.

Sweet Peas Early Flowering Spencer Novelties

INTRODUCERS' DESCRIPTIONS



SWEET PEAS EARLY FLOWERING DAPHNE.

All our Sweet Pea seed sent to you will be treated with Cuprocide (red copper oxide), unless ordered without this treatment.

Various sowings have proved that Sweet Pea seeds treated with Cuprocide are less liable to rot, especially during the germination period in the ground. We believe that **seeds treated with Cuprocide** will give you a greater percentage of germination than untreated seeds, which have a tendency to rot in soil that is too wet.

Sweet Pea seed treated with Cuprocide **must not be soaked before sowing.**

★We recommend the starred varieties as the best of their colors.

★Boon. Deep salmon pink on light cream ground. ½ oz., 20c; oz., 35c; 4 oz., $1.20; lb., $4.00.

Bridesmaid. A charming deep silvery pink color with stems unusually long, which will make it ideal for shipping. Growth vigorous. ½ oz., 20c; oz., 35c; 4 oz., $1.20; lb., $4.00.

Chime. A most pleasing shade of light salmon pink on cream ground. Oz., 30c; 4 oz., $1.00; lb., $3.40.

Colleen. Sprays of four sweetly fragrant, brilliant rose suffused with gold blooms. Turning to a rich golden rose under artificial light. Oz., 30c; 4 oz., $1.00; lb., $3.40.

Danube. Large, ruffled blooms of a clear lavender blue, on long straight stems in sprays of four. oz., 40c; 4 oz., $1.25; lb., $4.80.

★Daphne. A soft salmon pink on a cream ground. The flowers are of great size, with beautifully expanded and waved standards. Many of the blooms are duplex and borne on long and stout stems. Was exhibited at the International Flower Show in New York where it was awarded a Silver Medal. Oz., 40c; 4 oz., $1.25; lb., $4.80.

Delicious. The color is hard to describe. It reminds one of crushed strawberries and Devonshire cream blended together in a delicious combination. Oz., 60c; ¼ lb., $1.85; lb., $6.00.

Emblem. Outstanding for its unusually long stems, on which are borne three and four bright salmon-cream pink flowers, beautiful salmon-pink tone on the cream ground. ½ oz., 20c; oz., 30c; 4 oz., $1.00; lb., $3.40.

Florist Blue. The color is a clearer and purer blue, the stems are longer and the plant has more vigor than any other blue Sweet Pea introduced. Oz., 35c; 4 oz., $1.00; lb., $3.40.

Florist Rose. The color is a pure rose-pink, richer and slightly deeper than the popular Annie Laurie. The blooms are immense. It is very floriferous and a long, continuous bloomer. Oz., 35c; 4 oz., $1.00; lb., $3.40.

Iris. Its color is a deep "Iris Blue" with the wide spread wings keeping to a bit lighter hue than the standard which is very broad and quite wavy. Oz., 90c; ¼ lb., $3.00; lb., $10.00.

Navy Blue. Color is a rich dark blue, four flowers to a stem, long stiff stems and a vigorous grower. Oz., 90c; ¼ lb., $3.00; lb., $10.

Rose Picotee. Pure white with salmon-rose edging or picotee. It is definitely a new color in the early group. Oz., $1.00; ¼ lb., $3.50; lb., $12.00.

★Sequoia. A rich golden salmon cerise pea, frilled and wavy. The flowers are enormous on long stout stems and the plants strong vigorous growers. ½ oz., 20; Oz., 30c; 4 oz., $1.00; lb., $3.40.

Shirley Temple. The color is a soft rose pink. It has long stems with four very large blooms on each stem. ½ oz., 20c; 1 oz., 30c; ¼ lb., $1.00; lb., $3.40.

Sonnet. The flowers are very large, borne on long stout stems by very vigorous growing vines. The flowers are bold, although very large, and the delicacy of the soft pink shade makes a truly sweet bunch. Oz. 30c; 4 oz., $1.00; lb., $3.40.

Sunproof Orange. Of a bright scarlet orange hue—with a hint of more orange in the standard. ½ oz., 30c; oz., 50c; lb., $5.00.

★Tahoe. A shade between Mrs. Herbert Hoover and Blue Bonnet, but coming with large, wavy flowers. Both the wavy standards and ruffled wings have the same delightful shade of mid-blue. An improvement on Mrs. Hoover with better growth. 1 oz., 50c; 4 oz., $1.65; lb., $6.00.

Titania. Mammoth flowered deep rose self, the white ground at the base of the standard and wings enhances its beauty. Oz., 90c; ¼ lb., $3.00; lb., $12.00.

Top Hat. Deep purple-blue. Oz., 30c; 4 oz., $1.00; lb., $3.40.

Treasure Island. This beautiful new Sweet Pea will be featured in one of the scenic courts at Treasure Island in San Francisco Bay during the Golden Gate International Exposition next year. A sparkling golden orange, very large flowered and semi-duplexed. Trade Pkt., 35c.

★Triumph. Lovely soft lilac-mauve. ½ oz., 20c; oz., 30c; ¼ lb., $1.00; lb., $3.40.

White Champion. Early flowering pure white variety with white seed. An Australian variety which has become popular in Los Angeles market. Oz., 30c; ¼ lb., $1.00; lb., $3.40.

Zvolanek's Salmon. Salmon cerise, large flowers, strong stems. ½ oz., 25c; oz., 40c; 4 oz., $1.15; lb., $4.00.

Zvolanek's Supreme Orange. Clear orange, large flowers, strong stems. Oz., 40c; 4 oz., $1.15; lb., $4.00.

GENERAL LIST EARLY FLOWERING SPENCER

Any of the below, except where noted otherwise, ½ oz., 20c; 1 oz., 30c; ¼ lb., $1.00; lb., $3.40.

BLUE

Ball Blue. Clear mid-blue, good bloomer.

Blue Bird. Violet Blue. Some prefer Mrs. Hoover.

Blue Bonnet. Extra large, fine deep blue.

Blue Boy. Clear blue.

Eleanor Blue. Long stems.

Mariner. The clear blue flowers are practically without any tint of mauve shading at any stage.

★Mrs. Herbert Hoover. "The California Blue." Vigorous growth, great length of stem, uniform blue.

CREAM

Oriental. Deep cream, black seeded, large flowers.

LAVENDER

Burpee's Lavender. Lovely light Wisteria lavender.

Fragrance (Intermediate). Large frilled lavender flowers, fragrant.

★Harmony. Lavender.

Lavanda. Large clear lavender flowers.

Michigan. A mammoth dark, pure lavender.

★Vogue. An improved Early Harmony, standard lilac lavender, flushed rosy lavender and wings clear lilac-lavender.

Sweet Peas,

General List Early Flowering Spencers—Continued

Any of the below, except where noted otherwise, ½ oz., 20c; 1 oz., 30c; ¼ lb., $1.00; lb., $3.40.

We can offer substitutes for older varieties we dropped from our list.

SALMON

★**Apollo.** A soft salmon pink. Flowers large, long stemmed.
Attraction. Bright salmon pink.
★**Mrs. Calvin Coolidge.** Rich salmon, pink.
Spring Song. Salmon-pink on cream ground. Boon is better.

ROSE AND PINK

Annie Laurie. Richest tone of pure rose pink.
American Beauty. Strong, heavy growth, good thick, long stems, a rich crimson rose.
★**Ball Rose Improved.** Extra rich deep rose.
Chevalier. Rose.
Colossal Rose. Largest rose pink, long stem.
Columbia (Intermediate). Salmon rose standard, white wings.
★**Eileen.** Rich Begonia-rose with salmon shading.
Exposition Pink. Large waved rich pink, long stems.
Giant Rose. Rose-pink.
★**Jeanne Mamitsch.** Striking pink, shading off to deepest pink.
Josie. Brilliant rose pink, vigorous, large flowers, long stems.
★**Laddie Improved.** An enormous rose-pink.
Majestic Rose. Immense deep rose-pink flowers on long stems.
Mother Machree. A golden rose suffused coral. The flowers are large and perfectly formed on long stems. Strong grower.
★**Mrs. Holscher.** Rose-pink.
Mrs. Reddick. Brilliant flesh pink with suspicion of salmon, semi-duplex.
Pride. Pure cerise, large flowers on long stems.
Ramona. A delightful luminous coral rose with yellow and pink shadings blended to make an exquisite shade of Geranium pink.
Success. Sparkling rose pink on white ground.
Sunray. Brilliant glowing yet soft cerise on cream ground.
Zvolanek Rose. A giant rose-pink; sow to follow the "mums."

SCARLET

★**Grenadier.** A glowing poppy-scarlet.
★**Red Bird.** Bright crimson red.
Redwood. A deep, bright-rich crimson. The flowers are large, well placed on long, stout stems and nicely waved.
Vulcan. Vivid scarlet.

ORANGE

Ball Orange Improved. ½ oz., 25c; 1 oz., 45c; ¼ lb., $1.60; lb., $5.50.
Burpee's Orange. Glistening orange.
★**Valencia.** Color bright orange, sun-proof.
Zvolanek's Orange Beauty. Extra large long stemmed, free blooming, fiery orange, does not burn.

WHITE

Ball's White. A white-seeded white, rich fragrance. Extra long stems, highly recommended. ½ oz., 25c; oz., 40c; ¼ lb., $1.35; lb., $4.50.
Burpee's White. Glistening white, sweet scented.
★**Hope.** A mammoth flowered black seeded pure white.
Snowstorm Improved. White, of great substance.
★**White Harmony.** A standard black-seeded white.
Zvolanek's White Rose. Mammoth flower, beautifully shaped.

MISCELLANEOUS

Amethyst. An early-flowering "Royal Purple."
Elk's Purple.
Early Flowering Spencer. Vaughan's Special Mixture from named sorts.

Summer Flowering—Spencer Varieties

Any of the below except where noted otherwise: Oz., 20c; ¼ lb., 50c; lb., $1.80.

Ambition. Rich, deep lavender.
Artiste. Deep salmon shaded white on white ground.
Ascot. Bright pink.
Avalanche. Glistening white.
Beatall. Bluish cerise, salmon and rose shaded.
Bonnie Briar. Large rose pink.
Bonny Ruffles. Salmon-pink on cream, duplexed. Oz., 30c; ¼ lb., 90c; lb., $3.20.
Bridal Veil. Pure white, black seeded.
Burpee Blue. Bright, deep blue. Oz., 20c; ¼ lb., 60c; lb., $2.00.
Capri. Light blue.
Charity. Best red.
Constance Hinton. Black seeded white.
Crimson King. Rich deep clear crimson.
Enchantress (Sutton's). Glowing salmon overlaid cream. Oz., 30c; ¼ lb., 85c; lb., $3.00.
Fiancee. Salmon-pink, deeper edge.
Flag Ship. Deep navy blue flowers of large size, artistically placed on long stems.
Flamingo. Cerise scarlet.
Fluffy Ruffles. Rich rose shaded salmon and cream, duplexed.
Fortune. Rich dark blue.
Gigantic. Largest and best black-seeded white.
Gleneagles. Large lavender.
Grand Slam. Bright scarlet cerise shaded orange.
Hawlmark Pink. Deep rose pink.
Lavender.
Headlight. Orange scarlet, sunproof.
Heavenly Blue.
Highlander. Pure lavender.
King White. Gigantic flowers of pure white.
Lady Ruffles. Soft pink.
Leviathan. Rich maroon, a lovely clear dark variety.
Loveliness. Rich pink on cream.
Mary Pickford. Dainty cream-pink suffused salmon.
Mavis. Salmon-orange.
Maytime. Rich golden cerise. Oz., 50c; ¼ lb., $1.75; lb., $5.00.
Miss California. Orange-salmon and cream-pink.
Mrs. A. Searles. Rich pink, merging into Oriental red.
Mrs. Tom Jones. Bright blue.
Multiflora Abundance. A bright mauve approaching orchid. Oz., 60c; ¼ lb., $1.65; lb., $6.00.
Olympia. Deep rich purple.
Peggy Ann. An attractive shade of clear, glowing salmon-pink of great beauty.
Queen of Belgians. Scarlet cerise.
Rosabelle. Rose.
Royal Salute. Deep cerise.
Ruffled Mixed.
Ruffled Crimson.
Smiles. Salmon shrimp pink.
Station Master. Hydrangea-pink, flushed cerise.
Stylist. Rose pink.
Springtime. Light rose pink.
Warrior. A fine maroon.
Youth. White, pink picotee.
Vaughan's Florist's Mixture of Spencer Varieties. Oz., 15c; lb., $1.40; 5 lbs., $6.00.

SUMMER FLOWERING SPENCER NOVELTIES

Fairyland. Is a light rich rose-pink suffused on a heavy creamy ground. The huge four and five flowered sprays are carried on long stout stems. Trade Pkt., 35c.

Rarity. White ground, the front on standard and wings being faintly flaked with bright orange-cerise. Certificate of Merit at 1937 Scottish Sweet Pea Trials. Trade Pkt., 35c.

Vista. Is a clear light purple on a white ground without any blue in the tone. Large waved flowers borne in fours often fives on long stems. Trade Pkt., 35c.

Sweet Rocket. See Hesperis matronalis.
Sweet Sultan. See Centaurea moschata and Imperalis.
Sweet William. See Dianthus Barbatus.

Solanum

		Trade pkt.	Oz.
Bird's Eye Pepper	¼ oz., 45c	$0.25	$1.60
Celestial Pepper. Conical fruits, at first green then creamy yellow, violet, coralline, and after that golden yellow	¼ oz., 25c	.15	.80
Christmas Cherry Improved	¼ oz., 50c	.25	1.80
Cleveland Red		.15	.60
Cleveland Orange	¼ oz., 60c	.25	....
Hlavacek's "Masterpiece." More compact than the old type and produces fruit much more freely	¼ oz., 50c	.25	1.60
Miniature Bell. Interesting ornamental bell-like fruits which hang on graceful branches. The red, green and white fruits are attractive against the dainty foliage. Very heavy feeder, use a good rich loamy soil. Pinch the plants to make them bushy, for large plants put 3 or 4 in a 5 or 6 in. pot. Put stake in center and tie plant to shape	¼ oz., $1.00	.35	....
New Patterson Variety. Large orange red flowers, cherry-like fruit, compact habit	⅛ oz., 85c	.35	....
Mixed above varieties	¼ oz., 60c	.25	....

Verbena

		Trade pkt.	Oz.
Gigantea Beauty of Oxford Hybrids. A beautiful giant hybrid raised from a cross between Verbena Luminosa and Beauty of Oxford. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed. The foliage is a dark cress green	¼ oz., 60c	$0.35	$2.00
Alba. Very large, pure white	¼ oz., 50c	.25	1.60
Appleblossom. Very large florets, almost white shading to cameo-pink on the edge	¼ oz., 85c	.35	2.80
Cerise Queen	¼ oz., 50c	.25	1.80
Crimson Glow. A pure glowing crimson without an eye, first of this color in the hybrida class, rounding out the color range. The flower heads are produced freely on compact plants, with small leaves. One of the most vivid of the verbena colors	¼ oz., 50c	.25	1.80
Etna. Geranium-red with a small creamy yellow eye.	¼ oz., 50c	.25	1.80
Floradale Beauty. Hybrida grandiflora, Beauty of Oxford type of large-flowered rose shades with salmon-rose predominating	¼ oz., 65c	.35	2.25
Lavender Glory. True lavender. Large flower umbels. Fragrant. About 80% true	¼ oz., 65c	.35	2.00
Luminosa. Flame-pink toning to softer shades of salmon flesh and coral	¼ oz., 50c	.25	1.60
Lucifer. Red	¼ oz., 50c	.25	1.60
Rosea Stellata. Pink, white eye	¼ oz., 50c	.25	1.60
Rose Cardinal. Bright red	¼ oz., 50c	.25	1.60
Royale. Royal blue with creamy eye	¼ oz., 70c	.35	2.40
Spectrum Red. Intense pure bright red	¼ oz., 50c	.25	1.80
Sutton's Giant Pink	¼ oz., 50c	.25	1.80
Violacea Stellata. Violet, white eye	¼ oz., 50c	.25	1.80
Gigantea. Mixed	¼ oz., 40c	.25	1.40
Royal Bouquet Mixed. This variety has an upright growth on straight stems, making it a good cut-flower sort and a symmetrical bedding plant. The flowers are very large in many charming colors; 15-18 in.	¼ oz., 65c	.25	2.20
Dark blue	¼ oz., 40c	.25	1.40
Defiance. Brilliant scarlet	¼ oz., 40c	.25	1.45
Mayflower. Pink	¼ oz., 40c	.25	1.40
Lutea Improved. Yellow	¼ oz., 40c	.25	1.40
Miss Helen Willmott. Bright salmon-rose with white eye. The seed produces flowers mostly of the true type with a small percentage of varying shades	¼ oz., 60c	.35	2.00
Purple Mantle	¼ oz., 40c	.25	1.40

Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains, all grown separately, and mixed in the right proportion. ¼ oz., 70c; oz., $2.40; 2 oz., $4.00; trade pkt., 25c.

Dwarf Verbenas

These are very much in favor since they make splendid pot plants, growing from 6 to 9 inches high and very compact.

		Trade pkt.	Oz.
Carmine Ball. A beautiful erecta compacta Verbena of similar form to Fireball. It forms a perfectly symmetrical plant about ten inches high and twelve inches across and is completely covered with bright carmine flowers	¼ oz., 70c	$0.25	$2 40
Blue with White Eye	¼ oz., 70c	.25	2.20
Blue Sentinel. Rich navy blue self-color		.50	....
Chamois	¼ oz., 60c	.25	2.20
Dwarf White, Ruby, Pink, Dark Blue, each,	¼ oz., 70c	.25	2.60
Fireball. Scarlet. Excellent for borders and pot plants, 6 in.	¼ oz., 60c	.25	2 20
Splendor. Flowers of intense scarlet with a contrasting large white eye. Very showy and attractive and comes true to type and rich sparkling color	¼ oz., 50c	.25	1.80
Venus. Light creamy salmon, new	¼ oz., 70c	.35	2.40
Violet Bouquet. Flower opens deep violet tinged garnet changing to deep violet, cream color eye.	¼ oz., 80c	.35	2.80

Vaughan's Special Mixture Dwarf Verbenas. This is made from separate colors and a most complete mixture. Trade pkt., 35c; ¼ oz., 80c; oz., $2.80.

Verbenas Various Sorts

		Trade pkt.	Oz.
Venosa. Heliotrope blue, fine for bedding when combined with alyssum; used extensively in the Chicago parks, 1 ft	¼ oz., 40c	$0.25	$1.40
Lilacina, delicate lavender blue	¼ oz., 50c	.25	1.60
Erinoides (Moss Verbena). Purple, 1 ft.	¼ oz., 40c	.25	1.20
White	¼ oz., 40c	.25	1.20
Lemon (Citriodora)	¼ oz., 60c	.25	2.20

Tahoka Daisy

		Trade pkt.	Oz.
An unusually beautiful lavender-blue Daisy with fern-like foliage. Carried on good long stems, the flowers are many-rayed, with long slender petals of pure lavender-blue, tinted with rose as they fade, center deep yellow. Under open ground culture the plants are in bloom by middle of June and flower until October. Excellent for cutting. Treat as an Annual. To get an even and quick germination, the seed should be stored in refrigerator for a couple of weeks.	¼ oz., 60c	$0.30	$2.00

Texas Queen Anne's Lace. An improved Wild Carrot. Will dye easily	¼ oz., 25c	.15	.80
Thunbergia. Mixed. Fine climber for window boxes and hanging baskets		.15	.60
Gibsoni. A lovely new graceful climber for covering pillar and trellis work in greenhouses, or may be flowered outdoors in Summer in mild climates. It has glistening green ivy-shaped foliage and flowers of most brilliant glowing orange	100 seeds, $2.00		
	1000 seeds, $18.00	...	....
Tithonia Speciosa Early Flowering	¼ oz., 80c	.25	....
Fireball. Brilliant shade of scarlet orange	¼ oz., 65c	.25	2.20
Torenia Fournieri. Makes a fine pot plant for Mothers' Day sales. Also good in combination baskets. Flowers blue with dark blotches on lip. 12 in.	¼ oz., 60c	.25	2.20
Fournieri Compacta. Dwarf. 8 in.	⅛ oz., 50c	.25	....
White Wings. Ivory tinted rose		.25	....
Bailloni. Yellow with brown. 12 in.		.35	....
Geffion (Nana Compacta). New. Deep blue		.35	....
Trachelium Coeruleum. Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. 18 in.	⅛ oz., $1.00	.35	....
Ursinia Anethoides. Rich orange-yellow and purple zone	¼ oz., 50c	.25	1.80
New Hybrids	¼ oz., 50c	.25	1.80
Pulchra Dwarf. Rich orange	¼ oz., 50c	.25	1.80
Venidium Fastuosum Orange flowers, purple black zone Fastuosum Hybrids. Several colors mixed.	¼oz., 70c	.25	2.40

Vinca

These are slow growers and must be started early. They are splendid bedding plants, or for combinations. They bloom all summer and do well in the sun and partial shade.

		Trade pkt.	Oz.
Rosea. Pink, 1 ft.	¼ oz., 25c	$0.15	$0 80
Fl. Alba Oculata. White with pink eye.	¼ oz., 25c	.15	.80
Alba Pura. Pure white	¼ oz., 25c	.15	.80
Delicata. Soft pink	¼ oz., 25c	.15	.80
Kermesina. Bright red, dark green leaves with red stems. New	¼ oz., 30c	.20	1.00
Mixed (includes the new red)	¼ oz., 25c	.15	.60

Virginia Stocks. Mixed. A splendid edging plant . . . lb., $2.00 .... .20

Nana Compacta. Dwarf bushes covered with bright flowers during the entire season. 8 in.			
Innocence, pure white		.15	.60
Love, bright rose		.15	.60
Crimson Gem, crimson		.15	.60
Mixed		.15	.50
Viscaria Oculata. Mixed		.10	.40
Blue Pearl. Pure deep lavender blue without eye, erect growing	¼ oz., 50c	.25	1.80
Rose Beauty. Flowers of very bright deep rose on long stems. The habit of the plant is upright and the stems are strong and ideal for cutting. The flower petals are fringed and laciniated. 18 inches,	¼ oz., 40c	.15	1.40
Nana compacta oculata. Mixed	¼ oz , 50c	.20	1.60
Coerulea Blue Bouquet	¼ oz., 50c	.25	1.80
Whitlavia Gloxinoides. Blue. A good cut-flower		.15	.60
Xeranthemum. (Everlasting) Double mixed		.15	.40
Superbissimum (Pompon) mixed, improvement on above		.15	.50
Zea Quadricolor Perfecta. Dwarf leaves striped with red rose and yellow bands	lb., $1.80	....	.15

Zinnia

DAHLIA-FLOWERED 2½ to 3 ft.

The plants grow tall, are well-branched and the colors are very distinct and striking; the flowers are double and large size.

Attraction, brick-red
Buttercup-yellow
Canary Bird, primrose
Crimson Monarch, best red
Dream, deep lavender
Eldorado, rose on deep salmon
Exquisite, light rose, center rose
Golden Dawn, golden yellow
Golden State, rich orange
Illumination, deep rose
Lemon Beauty
Luminosa, bright deep pink suffused with salmon
Old Gold, burnished shades of deep and old gold
Old Rose
Oriole, orange and gold
Meteor, darkest red
Polar Bear, white
Purple Prince
Scarlet Flame, bright scarlet
Youth, soft rose self
Pastel shades

		Trade pkt.	Oz.
Each of above	½ oz., 60c; lb., $12.00	$0.25	$1.00
Dahlia-Flowered, Gold Medal Hybrids. A superior mixture containing many new varieties	lb., $12.00	.25	1.00
Crown O' Gold. The color range comprises the more popular florist shades, including old rose, cream, yellow, carmine and burnished-red—all with golden base	lb., $12.00; ½ oz., 60c	.25	1.00
Desert Gold. Of dual tone beauty comprising the light and deeper shades of gold, each petal overlaid at the base with a deeper golden yellow.	½ oz., 60c	.25	1.00

CALIFORNIA GIANTS 3 to 4 ft.

They are larger than Colossal and a cross between them and the Dahlia-flowered types. They have smaller, flat centers, with more loosely placed petals. The petals are attractively imbricated.

Brightness. Bright, deep rose.
Cerise Queen.
Daffodil. Canary-yellow.
Enchantress. Pink.
Grenadier. A very dark red.
Isabellina. Creamy buttercup.
Lavender Gem.
Lemon Queen. Canary and cerise, fragrant.
Miss Willmott. Soft pink.
Orange King. Orange scarlet.
Pink Profusion. Shrimp pink.
Purity. A clean pure white.
Rose Queen. Deep rose.
Salmon Queen.
Scarlet Queen.
Violet Queen. Dark violet.

Each of the above	lb., $11.00; ½ oz., 60c	$0.25	$1.00
California Giants, Vaughan's Special Mixed. All colors	lb., $10.00; ½ oz., 60c	.25	1.00

ZINNIA—Continued

Early Wonder. A new race of dwarf, early flowering Zinnias, producing masses of Pumila type flowers on long nearly leafless stems, 12 to 15 in.

Fiery Salmon
Rose Pink
Gypsy, deep orange

		Trade pkt.	Oz
Each of above	¼ oz., 50c	$0.25	$1.60

FANTASY 2½ to 3 ft.

The rounded flowers are composed of a mass of shaggy ray-like petals.

Orange Lady. Bright orange	¼ oz., 75c	$0.35	$2 75
Rosalie. Bright intense scarlet	¼ oz., 75c	.35	2.75
Star Dust. Deep golden yellow	¼ oz., 40c	.20	1.20
White Light. Pure white, excellent in flower arrangements	¼ oz., 75c	.35	2.75
Fantasy Mixed	¼ oz., 35c	.25	1.00

Gaillardia Flowered (Navajo)

Flowers resemble a Picta Double Gaillardia, in both form and colorings. Finest Mixed	¼ oz., 30c	.20	1.00

GIANT-FLOWERED OR COLOSSAL

The flowers are of enormous size, thickly set with velvety petals.

Blood Red
Buttercup
Burnt Orange
Cream
Crimson
Deep Flesh
Deep Salmon
Faust (Blackish Maroon)
Golden Yellow
Lavender
Pink Shades
Rose Queen, deep rose, dark center
Royal Purple
Scarlet
Violet
White

		Trade pkt.	Oz.
Each of the above	lb., $6.00	$0.15	$0.60
Colossal Varieties, Vaughan's special. Mixed	lb., 6.00	.15	.60

LILLIPUT OR POMPON 1½ to 2 ft.

Canary Yellow
Crimson
Deep Flesh (bright pink)
Golden Gem (golden-orange)
Orange
Pastel Shades Mixed.
Purple
Rose Bud
Salmon Rose, a lovely color
Scarlet Gem
Valencia (burnt orange)
White Gem

		Trade pkt.	Oz
Each of above	lb., $8.00	$0.15	$0.80
Vaughan's Special Lilliput Mixture	lb., 8.00	.15	.80
Red Riding Hood. Scarlet	lb., 8.00	.15	.80
Linearis. 10 in. This is a new strain of our Midget type, bearing single flowers of deep golden orange, with a contrasting yellow stripe, an attractive combination. It is early flowering, and the plants may spread over two square feet without growing taller than 10 inches.	¼ oz., 50c	.25	1.80
Mexicana (Haageana) Fl. Pl., double yellow	¼ oz., 45c	.25	1.60
Hybrida. Mexican Hybrids. Double mixed.	¼ oz., 40c	.25	1.40

PUMILA FL. PL.

This is called the "Cut and Come Again" type.

Alba Plena. Snowball
Canary Yellow
Coccinea Plena. Fireball
Aurea Plena. Goldball
Golden Orange
Pinkie
Salmon Rose. Remarkable shade, good for cut-flowers
Spun Gold. Delicately tinted butter yellow.

	Trade pkt.	Oz
Each of the above	$0.15	$0.60
Mixed. The above shades	.15	.50

Scabiosa Flowered, Mixed	¼ oz., 50c	.25	1.40
Autumn Tints	¼ oz., 50c	.25	1.80

NEW CUPID ZINNIAS (Gracillima) 1 ft.

The Smallest of All

Compact plants about 1 ft. tall, consist of a large number of slender branches which give the plant a well-rounded bushy habit. Each of the numerous upright stems bears a miniature flower which hardly exceeds 1 in. in diameter.

Tiny Tim. Rich scarlet.
Pixie. Bright yellow.
Snowdrop. Pure clear white.
Mixed.

		Trade pkt.	Oz.
Each of the above	¼ oz., 45c	$0.25	$1.40

ACONITUM Napellus

ANCHUSA Myosotidiflora.
Tr. pkt., 50c; ¼ oz., $1.40; oz., $5.00.

One of the most attractive of spring blooming perennials. A real gem for the border.

ANTHEMIS Sancta Johannis.
Tr. pkt., 25c; ¼ oz., 60c; oz., $2.00.

Seeds of Biennials and Hardy Perennials

Perennials fill a large and interesting place in the operations of an up-to-date florist establishment. Some are as easily raised as annuals, quite a few may be forced, others make fine pot plants and many furnish splendid cutting material. The rock garden requirements absorb all the low-growing varieties and the florist with his eye to the future will devote considerable space to perennials of all kinds. They require little heat, if any, and not much care.

SEED GERMINATES SLOWLY AND IRREGULARLY

of the following varieties and seed bed should be prepared where it will be undisturbed for a year or more.

Acanthus Mollis, Aconitum, Adonis Vernalis, Anemone, Asperula Odorata, Clematis, Delphinium Cardinale, Delphinium Zalil, Delphinium Nudicaule, Dictamnus, Dielytra, Doronicum, Gentiana, Helleborus Niger, Incarvillea, Iris, Phlox Decussata, Primulas (Alpine) Trollius and nearly all Alpines.

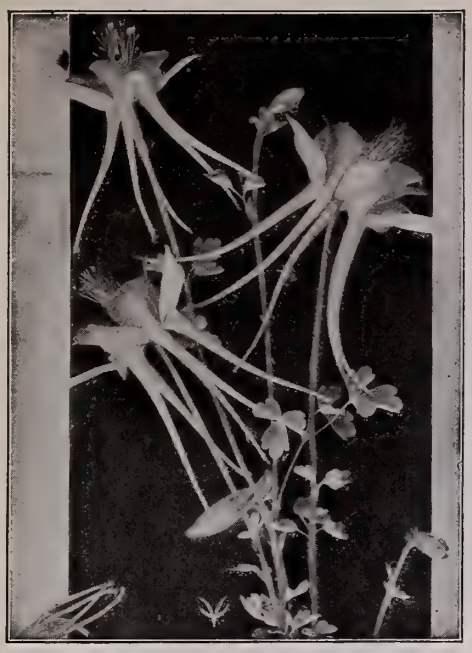
	Trade pkt.	Oz.
Acaena Glauca. × Silvery-green foliage, for carpeting and rock steps, 2 in. ⅛ oz., 60c	$0.25	....
Acanthus Latifolius (Bear's Breech). Fine foliaged decoration plant. 3 ft. lb., $3.00	.10	$0.30
Achillea Ageratum. × Yellow, scented, 24 in.	.25	1.20
Filipendula, Parker's Var. A splendid cut flower. The flowers, if cut when fully open, may be dried for later use. Yellow, 4 to 5 ft. ¼ oz., 70c	.25	2.40
Millefolium Kelwayi. Magenta red, 18 in. ¼ oz., 50c	.25	1.60
Cerise Queen. Dark cherry-red, 24 in. ¼ oz., 90c	.35	....
Rubra. Magenta red, 24 in. ¼ oz., 50c	.25	1.60
Ptarmica Fl. Pl. The Pearl. Abundant small white flowers, for cutting, 30 in. ¼ oz., 50c	.25	1.80
Tomentosa Aurea. × Ferny green mats, golden umbels, 6 in.	.50	....
Aconitum (Monk's Hood). Fischeri. Deep blue flowers in dense spikes, 30 in. ¼ oz., 50c	.25	1.70
Napellus. Dark blue, 36 in. ¼ oz., 45c	.25	1.40
Wilsoni. Mid-blue, large and late flowering ¼ oz., 60c	.25	2.00
Barker's Variety. Branching habit, flowers pretty amethyst blue ¼ oz., 85c	.35	3.00
Mixed ¼ oz., 50c	.25	1.80
Adlumia Cirrhosa. Allegheny Vine. Beautiful rose flowers	.25	....
Adonis Vernalis (Flower of the Gods, Ox Eye). Large golden yellow flowers, 12 in. ¼ oz., 50c	.25	1.60
Aethionema Coridifolium (Lebanon Candytuft). Light mallow purple, 8 in. ⅛ oz., $1.50	.35	....
Agathea Coelestis (Blue Daisy). 40 in. ¼ oz., 40c	.25	1.20
Agrostemma Coronaria Atrosanguinea (Rose Campion). Deep blood-red, 28 in.	.10	.30
Coronaria, Mixed	.10	.20
Flos Jovis. Carmine-rose, 16 in.	.10	.40
Hybrida Walkeri. Brilliant rosy-purple, 16 in.	.10	.40
Allium Pulchellum. × Brilliant loose clusters of reddish lilac flowers, August, 16 in. ¼ oz., 80c	.35	2.80

	Trade pkt.	Oz.
Allwoodii, see Dianthus.		
Alstroemeria Aurantiaca. Orange, streaked with red, 3 to 4 ft. ¼ oz., 70c	$0.25	$2.40
Chilensis (Pulchella). Finest mixed ¼ oz., 70c	.25	2.40
Alyssum Argenteum. × Yellow-flowered, silvery foliage, 24 in. ¼ oz., 50c	.25	1.80
Rostratum. Yellow. Free-flowering, 16 in. ¼ oz., 60c	.25	....
Saxatile Compactum (Gold Dust). Golden yellow, 12 in. ¼ oz., 25c	.15	.80
Sulphureum (Citrinum). Sulphur-yellow, 15 in. ¼ oz., 60c	.25	2.00
Serpyllifolium. Yellow, 6 in. ¼ oz., $1.20	.35	4.20
Rock Garden Perennial Species, Mixed. ¼ oz., 1.00	.35	....
Ampelopsis Veitchi, Boston Ivy. Clean seed. Lb., 2.00	.10	.20
Anchusa Angustifolia. Navy-blue, 36 in. ¼ oz., 40c	.25	1.20
Italica, Dropmore Variety. Large, Gentian-blue, excellent perennial for cutting, 6 ft. lb., $4.00	.15	.40
Dwarf Dropmore Variety. Neat habit, flowers brighter blue than preceding. 3 ft. ¼ oz., 85c	.25	3.00
Lissadell. Clear gentian-blue. 6 ft.	.15	.60
Myosotidiflora. × Beautiful Forget-Me-Not-blue, 15 in. Flowers in April and May ¼ oz., $1.40	.50	5.00
Anemone (Windflower), Coronaria. Blue. 18 in. ¼ oz., 45c	.25	1.40
His Excellency. × Single, scarlet, 1 ft. ¼ oz., 45c	.25	1.40
The Governor. × Double bright scarlet. ¼ oz., 55c	.25	1.80
St. Brigid's Hybrids (Irish Champions). Irish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors. 18 in. ¼ oz., 85c	.35	2.80
Pulsatilla. × Violet-lilac, 12 in. ¼ oz., 65c	.25	2.20
Rubra. × Handsome red purple flowers ¼ oz., $1.00	.35	....
Sylvestris. × White, large-flowered, 12 in. ¼ oz., 50c	.25	1.60

Rock Plants are followed by × and the heights given are of the plants when in bloom.

Unless otherwise quoted we supply ½ oz. at the ounce price and 4 oz. (of a variety) at the pound price.

Seeds of Biennials and Hardy Perennials



AQUILEGIA—Mrs. Scott Elliott's Strain.

ARMERIA Ruby.
Tr. pkt., 50c; ⅛ oz., $1.00.

ARABIS Alpina.
Tr. pkt., 10c; oz., 40c.

	Trade pkt.	Oz.
Anthemis Kelwayii (Hardy Marguerite). Daisy-like lemon-yellow blossoms, produced all summer, 3 ft.	$0.15	$0 50
Kelwayii Alba. Hardy white Marguerite, 3 ft.....	.15	.60
Montana. × Charming species producing pure white flowers in abundance, 12 in.....¼ oz., 40c	.25	....
Tinctoria. Very useful yellow border plant, 2 to 3 ft.	.15	.60
Perry's Variety. Light yellow, varies 2 ft. ¼ oz., 40c	.25	1.40
Sancta Johannis. Rich glowing orange Marguerite... .....¼ oz., 60c	.25	2.00
Antirrhinum Asarina. × A very free flowering, creeping cream colored snapdragon for sunny rock gardens and dry walls, 6 in.....⅛ oz., 75c	.25	....

AQUILEGIA × (Columbine)

	Trade pkt.	Oz.
Alpina. Blue. A beautiful short spurred form, 24 in. .....¼ oz., 50c	$0.25	$1.80
Buergeriana. Delicate yellow flowers tinted with purple. 1 ft.....	.60	....
California Hybrid. A light yellow, red spur. 3 ft. .....¼ oz., 60c	.25	2.00
Canadensis. Old rose with yellow, 30 in....¼ oz., 50c	.25	1.80
Chrysantha. Light chrome-yellow, fine, 36 in. ¼ oz., 45c	.25	1.60
Chrysantha Silver Queen. Long-spurred silvery white, 2 ft..... ¼ oz., 60c	.25	2.00
Clematiflora. A cross between the Long Spurred Scott Elliott Strain and the common single one, practically fully true **spurless.** It is quite free-flowering, has up to 15 flowers on a plant at the same time, contains all colors but red and scarlet.....	crop failed	
Coerulea Blue, × Rocky Mt. Columbine, ¼ oz., 50c	.25	1.80
Mrs. Nicholls. Deep blue and bolder flower than Coerulea.....⅛ oz., $1.20	.50	....
Rose Queen. Shades of rose with white corolla, 30 in. .....¼ oz., 50c	.25	1.80
Dobbie's Imperial Hybrids. A very fine selection made by a European hybridizer.....¼ oz., 65c	.25	2.20
Flabellata Nana Alba. Pure white early flowering 12 inch.....	.35	....
Glandulosa Vera. Enormous, spurless flowers of the loveliest and purest sapphire with white corolla, 12 to 18 in.....⅛ oz., $1.80	.75	....
Jaetschaui. Large yellow with red spurs, 36 in. ¼ oz., 65c	.25	2.20
Longissima. Long spurred delicate yellow.....	1.00	....
Long-Spurred Blue Shades.....¼ oz., 85c	.35	2.80
Copper Queen. Copper red, straw colored corolla, 18 in.....¼ oz., 85c	.35	2.80
Crimson Star. Crimson, white corolla..... .....¼ oz., $2.00; ⅛ oz. 1.20	.50	....
Orange and scarlet shades.....¼ oz., 90c	.35	3.00

AQUILEGIA × (Columbine)—Continued	Trade pkt.	Oz.
Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc..¼ oz., 85c	$0.35	$3.00
Oxysepala. Beautiful short spurred and periwinkle blue petals tipped white.....	.50	....
Rainbow Mixture of Colorado varieties. Many charming colors of our native Columbine.....¼ oz., 85c	.35	3.00
Skinneri. Scarlet spurs with yellowish-green corolla. .....¼ oz., 65c	.25	2.20
Vulgaris Compacta Edelweiss. The plants are 16 to 20 inches high, and covered with large, erect, snow-white blossoms in early spring..¼ oz., 70c	.25	....
Double White. Attractive old fashioned variety. 30 in.....¼ oz., 60c	.25	2.00
Double Old Rose. 36 in.....¼ oz., 70c	.25	2.40
Vaughan's Special Mixture.....¼ oz., 80c	.35	2.80

Arabis × Alpina. White, 1 ft..... ...lb., $4.80	.10	.40
Alpina Grandiflora Superba. × Large white, 1 ft.....	.20	1.00
Alpina Nana Compacta. White × 8 in..¼ oz., 60c	.25	2.00
Rosea, Pink. 1 ft.....⅛ oz., $1.00	.35	....
Snow Cap. Extremely dwarf and compact habit, really shining snow white cushions of flowers .....¼ oz., $1.20	.35	4.00
Billiardieri Rosea. Dwarf, pink, 8 in.....1/32 oz., 1.20	.50	....
Arenaria Montana. × White, 12 in.....⅛ oz., 1.00	.50	....
Aristolochia Sipho (Dutchman's Pipe). Large-leaved..	.25	1.20
Tomentosa. Small leaf.....	.15	.80
Armeria × Alpina. Deep rose, 12 in.....⅛ oz., $1.00	.50	....
Formosa. Red, 2 ft.....¼ oz., 50c	.25	1.60
Formosa Hybrida. 2 ft.....¼ oz., 40c	.25	1.40
Glory of Holland. Giant Pink. Immense flowers borne on long, stout stems.....⅛ oz., $1.00	.50	6.00
Laucheana. Rosy crimson, 9 in.....¼ oz., 90c	.35	3 20
Maritima. Lilac-rose, 12 in.....¼ oz., 90c	.35	3 20
Ruby. Deep rose-colored flowers, 24 in.,..⅛ oz., $1.00	.50	6.00
Arnica Montana (Mountain Tobacco or Snuff). × Yellow, fragrant, 20 in.....¼ oz., 50c	.25	1.60
Asclepias Tuberosa (Butterfly Weed). Orange, fine, cut flower and garden plant, 24 in.....¼ oz., 65c	.35	2.20
Asparagus Verticillatus. Hardy Climbing Asparagus. Red berries.....¼ oz., 50c	.25	1.80
Spitzenschleier (Lace Veil). Far finer in foliage density. Better than Verticillatus and just as hardy. 100 seeds, $1.20; 250 seeds, $2.75; 1,000 seeds, $10.00	...	....
Asperula Hexaphylla. White, excellent for cutting, 3 ft.	.15	.80
Odorata (Woodruff). Very odoriferous, white, 12 in.	.15	1.00
Asphodelus Luteus. Yellow, fragrant, 3 ft. ¼ oz., 50c	.25	1.80
Aster Perennial. Large-Flowering Varieties, mixed. .....¼ oz., 65c	.35	2.20
Alpinus Light blue. 1 ft.....¼ oz., 65c	.35	2.20

Rock Plants are followed by × and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

ASTER Sub-Coeruleus Star of Eisenach

BELLIS Perennis Fl. Pl. Superbissima Giant

CAMPANULA Persicifolia

ASTER PERENNIAL—Continued		Trade pkt.	Oz.
Albus. Pure white. 1 ft.	¼ oz., 70c	$0.35	$2.60
Dark Beauty. Deep blue, 1 ft.	⅛ oz., $1.50	.50	....
Goliath. × Soft blue, largest flowered, fine, 15 in.	¼ oz., 80c	.35	2.80
Ruber. Rosy lavender (varies)		.75	....
Mixed, 15 in.	¼ oz., 65c	.35	2.20
Amellus Hybridus. New named varieties, finest mixed, 30 in.	¼ oz., 70c	.35	2.40
Beauty of Ronsdorf. Large lilac-rose flowers in great profusion; plants two feet high, branching freely; blooms in August-Sept.; 30 in.	¼ oz., 90c	.50	3.20
Roseus. Very like the Beauty of Ronsdorf, except in color, which is a clear rose. 30 in.	¼ oz., 90c	.50	3.20
Farreri. × Color is a soft tone of violet-mauve, with large golden orange disk, and flowers are from 2 to 3 inches across. June and July; creeping	¼ oz., 80c	.35	2.80
Hybridus Luteus. Giant sprays of primrose yellow.		.50	....
Rotundifolius. × Bright yellow discs are surrounded with ray florets of a fine forget-me-not blue, 6 in.	¼ oz., 85c	.35	....
Sub-Coeruleus. Star of Eisenach (Wartburg Star). × Bright lavender-blue with yellow centers, excellent cut flower. May and June	¼ oz., $1.20	.35	4.00
Yunnanensis. Brilliant lilac-blue, flowers in early summer, 15 in.	1/16 oz., $1.00	.50	....
Aubrietia × Large-Flowered Hybrids. Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. 6 in.	¼ oz., 50c	.25	1.60
Bougainvillei. × Dark blue, 6 in.	¼ oz., 75c	.35	2.40
Deltoidea. × Lilac, 6 in.	¼ oz., 60c	.25	2.00
Eyrii. × Free flowering large blue	¼ oz., 70c	.25	2.40
Graeca. Large blue free flowering, 6 in.	¼ oz., 50c	.25	1.80
Leichtlini. × Large-flowered, rosy purple	⅛ oz., 50c	.25	....
Rosea Grandiflora. × Pink, 6 in.	⅛ oz., 40c	.25	....
Whitewell Gem. × Glowing rosy purple with slight tinge of blue, 6 in.	⅛ oz., 50c	.25	....
Auricula. See Primula.			
Baby's Breath. See Gypsophila Paniculata.			
Baptisia Australis (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers. 2-4 ft., lb., $4.00		.10	.40
Bellis Perennis × or English Daisy, 6 in.			
Longfellow. Double dark rose	¼ oz., 40c	.25	1.40
Snowball. Double white	¼ oz., 40c	.25	1.40
White with red center	⅛ oz., 60c	.25	....
Monstrosa, double pink	¼ oz., 70c	.25	2.40
Double crimson. New	¼ oz., $1.40	.50	....
Double red (dark rose)	¼ oz., 85c	.35	2.80
Double white	¼ oz., 65c	.25	2.20
Double mixed	¼ oz., 50c	.25	1.80
Super Giant White—The largest flowered white.	1/32 oz., $1.00	.75	....
Super Giant Rose.	1/32 oz., $1.00	.75	

BELLIS PERENNIS Continued		Trade pkt.	Oz.
Tubulosa Aetna. Rich deep red	¼ oz., 85c	$0.35	$3.00
Bernina, white passing to pink	⅛ oz., 90c	.35	....
Glory of Frankfurt, brilliant dark red	⅛ oz., $1.20	.50	....
Monterosa, rose	⅛ oz., 90c	.35	....
Titlis, carmine	⅛ oz., 90c	.35	....
Mixed	⅛ oz., 90c	.35	....
Vaughan's Special Mixture	⅛ oz., 90c; ¼ oz., $1.50	.50	
Betonica Grandiflora. Red-purple flower heads, 1 ft. Good border plant	¼ oz., 60c	.25	....
Bignonia Radicans (Trumpet Vine). Dark red, orange throat		.15	.50
Bocconia Japonica (Plume Poppy). Panicles of small whitish flowers, 5 ft.		.10	.40
Boltonia Asteroides. White daisy flowers, 4-6 ft.	¼ oz., 85c	.35	3.00
Latisquama. Delicate pink, 4-5 ft.	¼ oz., 60c	.25	2.00
Nana. Dwarf, 3 ft.	¼ oz., 70c	.25	....
Buphthalmum Salicifolium. Yellow, 18 in.	¼ oz., 40c	.25	1.40
Calamintha Alpina. × Purple, 6 in.	1/16 oz., 80c	.50	....
Callirhoe Involucrata. × Large crimson flowers, trailing habit, very showy, 6 in.	¼ oz., 70c	.25	2.60

CAMPANULA PERENNIAL SORTS

Alliariaefolia. Creamy white. A desirable border plant. 2½ ft.	¼ oz., 60c	.25	2.00
Collina. A new perennial bell-flower of upright, compact, bushy habit. In May and June are thickly covered with intense campanula blue pendant flowers. Excellent for edging, rockery and alpine gardens as well as in larger spaces, 8 in.		.50	....
Carpatica × (Hare Bell). Blue, 9 in.	¼ oz., 25c	.15	.80
Alba. × White, 9 in.	¼ oz., 25c	.15	.80
Mixed. ×	¼ oz., 25c	.10	.80
Fragilis. Blue Star of Bethlehem. Blue, splendid for hanging baskets		.50	....
Garganica. × Dwarf trailer, flowers blue. 4 in.	1/32 oz., $1.60	.75	....
Glomerata Superba. (Clustered Bellflower). Beautiful dark violet flowers borne in clusters at the top and all the way up the stalks. June-July. 20 in.	⅛ oz., 65c	.35	4.00
Lactiflora Coerulea. Light blue, 3 ft.	¼ oz., 50c	.25	1.80
Latifolia Macrantha. Blue, large-flowered, 40 in	¼ oz. 40c	.25	1.40
Macrantha Alba. White, 40 in.	¼ oz., 70c	.25	....
Persicifolia (Peach Bell) Alba. White, fine, 30 in.	¼ oz., 50c	.25	1.80
Grandiflora Fl. Pl. Moerheimi. Flowers large, semi-double, cup-shaped, pure white. 2 ft.	1/16 oz., $2.20	.50	....
Coerulea. Blue, 30 in.	¼ oz., 50c	.25	1.80
Coerulea Plena. Double blue, 30 in.	¼ oz., 85c	.35	3.00
Telham Beauty. Very large bells of China blue, varies, 30 in.	⅛ oz., $1.00	.35	.....
Single mixed	¼ oz., 50c	.25	1.80
Pusilla. × Light blue bells. Very free blooming, July, 4 in.		.50	....

Rock Plants are followed by × and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

CAMPANULA PERENNIAL SORTS—Continued

		Trade pkt.	Oz.
Pyramidalis Alba. White, 5 ft	¼ oz., 50c	$0.25	$1 60
Blue. Lavender-blue, 5 ft	¼ oz., 45c	.25	1.40
Mixed	¼ oz., 45c	.25	1.40
Raineri. Charming Alpine plant, erect blue flowers, 3 in.		...	.....
Rotundifolia. × Slender branching stems, covered with dainty frail blue flowers, 6-12 in.	¼ oz., $1.00	.35	
Olympica × Light blue. 10 to 12 in.	1/16 oz., 1.00	.50	
Trachelium (Coventry Bells). Crowded heads of lavender-blue flowers, 2-3 ft. varies		.15	.80
Turbinata. × Forms close mats of foliage and bearing large cup-shaped flowers of blue, sitting close to the plant and fairly smothering it	¼ oz., 60c	.25	2.20
Alba. × White, 18 in	¼ oz., 60c	.25	.....
Perennial Varieties. Mixed	¼ oz., 40c	.25	1.40
Rock Garden Varieties. Mixed	¼ oz., 60c	.25	2.20

CAMPANULA BIENNIAL SORTS

Medium Calycanthema, Cup and Saucer. Blue, Lilac, White, Pink, 36 in., each	¼ oz., 40c	.15	1.40
Calycanthema Mixed	¼ oz., 40c	.15	1.20
Medium Dwarf Canterbury Bells. A neat dwarf compact type with glorious giant flowers of various colors. It is very floriferous and is ideal for spring bedding. Mixed, 20 in	¼ oz., 60c	.25	2.00
Medium, Single. Canterbury Bell. Blue, Lilac, Rose, White, 36 in., each	lb., $4.00	.10	.40
Single Mixed	lb., 3.00	.10	.30
Double, Blue, 32 in., Rose, White, Double Mixed	¼ oz., 25c	.15	.80
Double and single mixed		.15	.60
Candytuft × Gibraltarica. 1 ft. Large flowers, lilac shaded to white	¼ oz., 25c	.15	.80
Jucunda. (Lebanon Candytuft). Dwarf pretty pink, 4 in.	⅛ oz., $1.50	.35	.....
Queen of Italy. Dwarf evergreen foliage, rosy lilac, 10 in.		.15	.60
Sempervirens, 12 in. White	¼ oz., 50c	.25	1.60
Tenoreana, 16 in. Lilac and white		.15	.60
Canterbury Bells. See Campanula Medium.			
Carnation, Vienna Dwarf. Mixed	¼ oz., 50c	.25	1.80
Vienna Dwarf. White	¼ oz., 65c	.35	2.20
Pink	¼ oz., 65c	.35	2.20
Grenadin Red. Half high. 20 in	¼ oz., 60c	.25	2.00
Red. Dwarf. 14 in	¼ oz., 70c	.35	2.40
Golden Sun. Golden yellow	¼ oz., $1.00	.35	3.60
White, 20 in	¼ oz., 60c	.25	2.00
Tausendschon. Soft salmon-rose to bright pink.	¼ oz., 70c	.35	2.40
Triumph Rose, 20 in	¼ oz., 75c	.35	2.60
King of the Blacks. Darkest red, very fine. 20 in.	¼ oz., 60c	.35	2.20
Mixed	¼ oz., 50c	.25	1.60
Cassia Marylandica (Indian Senna). Racemes of showy yellow flowers, 30 in	¼ oz., 40c	.25	1.40
Catananche Coerulea. Blue, with dark eye, fine, everlasting, 30 in		.25	1.30
Coerulea Alba. White, dark eye, 30 in		.25	1.30
Centaurea Dealbata. Rose flowers. Graceful silvery leaves, 18 in	¼ oz., 40c	.25	1.40
Macrocephala. Golden yellow, 36 in	¼ oz., 35c	.20	1.20
Montana. Corn-flower blue, 24 in	lb., $5.00	.15	.50
Alba. White, superb large flowers, 24 in		.15	.60
Ruthenica. Light yellow, 4 ft	¼ oz., 60c	.25	2.20
Perennial sorts mixed	¼ oz., 45c	.25	1.40
Cephalaria Alpina. Sulphur-yellow, 5 ft	¼ oz., 40c	.15	1.40
Cerastium × Tomentosum (Snowin Summer). Silvery white foliage, white flowers, 16 in	¼ oz., 40c	.25	1.40
Cheiranthus Allionii. Brilliant orange, 16 in		.10	.30
Golden Bedder. A deep golden yellow. The individual flowers are larger than the Allioni. It is sweetly scented, long flowering (especially if the seed pods are not allowed to form).	¼ oz., 25c	.15	.80
Kewensis, Winter-blooming Wallflower. Fragrant flowers, sulphur passing to gold and violet, 30 in	¼ oz., 50c	.25	1.80
Linifolius. Lilac, 18 in	¼ oz., 40c	.15	1.30

SHASTA DAISY—Diener's Double Giant.

		Trade pkt.	Oz.
Chelone Barbata Coccinea. Scarlet with yellow, 4 ft.		$0 15	$0.60
Barbata Praecox. (Early Flg.) Pink to cherry-red, in pretty spikes; a desirable cut flower	3 to 4 ft.	.15	.60
Torreyi. Brick-red, 4 ft	¼ oz., 30c	.15	1.00
Hybrida. Mixed, 4 ft		.15	.60
Nana. Dwarf Mixed, 16 in	¼ oz., 50c	.25	1.60
Clove Pink. See Dianthus Plumarius.			

CHRYSANTHEMUM

Leucanthemum (Spring Marguerite). Early flowering, 36 in., "Mother's Day."		.15	.60
Maximum Avalanche. Forms compact bushes 2 ft. high. Producing large white Marguerites, practically covering the plant	¼ oz., 25c	.15	.80
Dwarf Bouquet. A new dwarf perennial that blooms from seed the first year. Forms a bouquet of pure white flowers in a dainty and elegant manner. The blooms have very small centers. Plants are 12-15 inches tall. The stems come from the base and do not branch	¼ oz., 85c	.35	2.80
King Edward VII. White	¼ oz., 25c	.15	.80
Laciniatum, Comet Marguerite white, 3 ft.	¼ oz., 30c	.15	1.00
Mrs. C. Lothian Bell. Single white, 3 ft.	¼ oz., 40c	.25	1.40
Elder Daisy. Early blooming, smaller flowering than Alaska, but more flowers	¼ oz., 25c	.15	.80
Maximum Conqueror (Victor). Giant flowered white	¼ oz., 25c	.15	.80
Korean Hybrids. Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large flowering single and semi-double	⅛ oz., $2.00	1.00	....
Mawii. Rich pink flowers two inches across, silvery foliage, 1 ft	¼ oz., $1.40	.35	....
Cimicifuga Simplex. Shade loving perennial, shoots out flower stalk of about 3 feet in the late summer. Numerous white flowers are borne on long and almost straight spikes, very attractive when planted together with other herbs especially along wood-side	¼ oz., 50c	.20	1.80
Clematis Paniculata. Small, sweet-scented, white flowers	lb., $3.40	.10	.30
Recta Grandiflora. Erect habit non-climbing, white flowers in clusters. Excellent for cutting, 2-3 ft.	lb., $6.00	.15	.80
Columbine. See Aquilegia.			

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Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Coreopsis Lanceolata Grandiflora. Very large golden-yellow flowers, long stemmed, excellent for cutting, ...lb., $2.40	$0.10	$0.30
Lanceolata Auriculata Superba. Dark yellow with band of brownish red around disc. 3 ft.....	.15	.60
Double Sunburst (Double New Gold). Large double flowers 1½ to 2 in. across.....¼ oz., 25c	.15	.80
Mayfield Giant. Best large deep golden-yellow...	.15	.60
Corydalis × Cheilanthifolia. Fern-like foliage, golden-yellow flower spikes. April-Oct. 20 in. 1/16 oz., $1.00	.50	....
Crucianella × Stylosa. Light red, 18 in.....	.10	.60
Cyclamen × Europaeum. The well known red flowering Alpine violet. 4 in. 100 seeds, 55c;..... ....1000 seeds $4.20	...	....
Neapolitanum. Calyx small; corolla pink or rarely white, the segments short and twisted and the edges raised and white-edged at the base..... ....100 seeds, 50c; 1000 seeds, $4.00	...	....
Cynoglossum Nervosum. Large blue flowers. ⅛ oz., 90c	.35	....
Daisy, Shasta, Alaska. Best white, American-grown, 40 in.....¼ oz., 30c	.15	1.00
Diener's Giant Double Shasta. Flowers five inches across resemble giant asters, on long wiry stems. Blooms over a period of several months, ⅛ oz., $1.80	.50	12.00
Diener's New Giant Double-Ever-Flowering Shasta Daisy G. Marconi. The largest Shasta Daisy today, the flowers are around seven inches in diameter and stems 2½ to 3 feet long. Originator's seed	.50	....
Diener's Fancy Chiffon Shasta Daisy Glendale. The flowers are 2 inches across, have fringed and laciniated petals, interlaced, which are borne on strong stems. Seed from originator.....	.25	....
Westralia. Very large and early. White. 40in. ¼ oz., 30c	.15	1.00
White Lady. Earlier than Giant Double but not as large, produces quite a number of flowers the first year if sown early. The percentage of doubles is about 50%.....¼ oz., 85c	.35	3.00
Daisy. See Bellis, Agathea, Chrysanthemum Maximum and Pyrethrum.		

DELPHINIUM

Blackmore and Langdon Strain. Tall, graceful spikes of bloom, covered from top to bottom with captivating blooms in charming color combinations. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors. .....¼ oz., 85c; lb., $32.00	.50	3.00
Wrexham Strain (Hollyhock Delphinium). The chief distinguishing features of the "Hollyhock" Delphiniums are the extraordinary length and the tapering and spire-like shape of the spikes; the indescribably rich and varied tints; the very remarkable extension of the flowering period. .....lb., $60.00; ¼ oz., $1.40	.50	5.00
Wrexham Strain. Art shades.....¼ oz., 1.65	.75	6.00
Deep Blue Shades.....¼ oz., 1.65	.75	6.00
Light Blue Shades.....¼ oz., 1.65	.75	6.00
Mid-Blue Shades.....¼ oz., 1.65	.75	6.00

One of our growers who is a specialist in the culture of Delphinium seed has been at work on an improved strain of hybrids and has segregated different colors into various shades which we offer as follows:

	Tr. pkt.	Oz.
☞ XXX Light Blue Shades.....¼ oz., 90c	$0.50	$3.20
XXX Dark Blue Shades.....¼ oz., 90c	.50	3.20
XXX Mid-Blue Shades.....¼ oz., 90c	.50	3.20
XXX Pastel Shades.....¼ oz., 90c	.50	3.20
Double Selecta. Extra double new hybrids, mixed, producing 90% extra double flowers of large size and excellent color variation.....¼ oz., $1.50	.50	5.50
Gold Medal Hybrids. An extra choice strain. Lb., 14.00	.25	1.40
Vaughan's Special Mixture. Perennial varieties..... .....¼ oz., $1.20	.50	4.00
Belladonna. Blue Grotto. Deep blue, bee royal purple with cream center.....¼ oz., 90c	.35	3.00
Light Blue, Improved. Light blue, large flowered, strong grower, 4 to 5 ft.....lb., $24.00	.35	2.00
Bellamosum Improved. Large deep blue flowers, uniform in color with a white bee, 4 to 5 ft. ¼ oz., 65c	.35	2.20
Cardinale. Fine scarlet flowers, yellow center, 30 in. ..... ¼ oz., 65c	.35	2.20

DELPHINIUM PACIFIC GIANT (Vetterle and Reinelt)

DELPHINIUM PACIFIC GIANT (Vetterle and Reinelt)

This new strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers **do not shatter** and represent a truly outstanding addition to the cut flower market.

Pacific Giant Dark Blue Shades
Pacific Giant Light Blue Shades
Pacific Giant Pastel Shades
Pacific Giant Mixed

	Tr. pkt.	Oz.
Each of above, ⅛ oz., $2.00; ¼ oz., $3.50; ½ oz., $7.00	$1.25	$12.00
Pacific Double White Flowers well spaced and of good texture with white bees, with a branching habit of growth. Cheese cloth protection when blooming will keep the whiteness of flowers unmarred by dust or insects.....¼ oz., $5.00; ⅛ oz., $3.00	1.50	18.00
Chinese Album Grandiflorum. White, 36 in.....	.20	.80
Azureum Grandiflorum. Blue, 36 in.....lb., $8.00	.20	.80
Cambridge Blue.....¼ oz., 60c	.35	2.20
Mixed.....	.15	.70
Azure Fairy. Soft azure-blue, 20 in.....	.20	1.00
Tom Thumb Ultramarine. A dwarf species, with fine feathery foliage with beautiful flowers in open panicles in ultramarine-blue, 1 ft.....	.20	1.00
Elatum Hybridum Indigo, True Blue (better than D. Formosum). 5 ft.....¼ oz., 80c	.35	2.80

Rock Plants are followed by × and the heights given are of the plants when in bloom.

DIANTHUS DELIGHT. Trade pkt., 35c., ⅛ oz., $1.00

SWEET WILLIAM Single "Midget" MIXED COLORS

The habit of this Sweet William Dwarf Alpine Mixed is of a ball type, grows from three to four inches tall. The blooms, which almost entirely cover the foliage, are quite large flowered. This little Sweet William should make a wonderful perennial border and pot plant. The color range is from white, chamois, salmon, scarlet, brick red to maroon, with most of the blooms being tri-colored.
Trade pkt., 35c; ¼ oz., 90c; oz., $3.00.

Seeds of Biennials and Hardy Perennials

DELPHINIUM ELATUM—Continued		Trade pkt.	Oz.
Hood Acres. White. A fine American variety.	¼ oz., $1.60	$0.50	$5.50
Lamartine. Splendid Gentian blue; single, 30 in.	¼ oz., 2.25	.75	....
Nudicaule. × Brilliant scarlet with peach-red interior, 30 in.	¼ oz., 70c	.35	2.60
Zalil or Sulphureum. Yellow, orchid-like flowers, 6 ft.	¼ oz., $1.20	.50	4.20

DIANTHUS BARBATUS—Sweet William

Double Blood-red (Atrosanguineus pl.) 20 in.		.15	.80
Roseus. Pink	¼ oz., 50c	.25	1.60
Nigrescens. Almost black	¼ oz., 40c	.20	1 20
Salmon Rose,	¼ oz., 70c	.25	2.40
White	¼ oz., 45c	.25	1 40
Mammoth Flowered. Mixed	¼ oz., 60c	.35	2.00
Dwarf Midget Mixed	¼ oz., 50c	.25	1.80
Single Blood-red (Atrosanguineus)		.15	.60
Copper-Red		.15	.60
Diadematus. Crimson with white eye		.15	.50
Garnet Red with a white eye		.15	.80
Giant Auricula Eyed. White ground	¼ oz., 40c	.20	1.20
Giant White. A very large variety	¼ oz., 40c	.20	1.20
Nigrescens. Very dark, almost black		.15	.50
Newport Pink. Salmon-pink	lb., $6.00	.15	.60
Pink Beauty. Clear pink	lb., 6.00	.15	.50
Purple Beauty. Bright deep purple	¼ oz., 35c	.15	1.00
Scarlet Beauty. Scarlet	¼ oz., 25c	.15	.80
Turkey-Red	¼ oz., 25c	.15	.80
Dwarf Midget Mixed	¼ oz., 90c	.35	3.00
Superb Mixture of New Colors	¼ oz., 25c	.15	.80
Mammoth Flowered. Single mixed	lb., $5.00	.15	.50
Vaughan's Special Mixture. Double and single of above choice varieties	¼ oz., 60c	.35	2.00

DIANTHUS PLUMARIUS—Clove Pinks ×

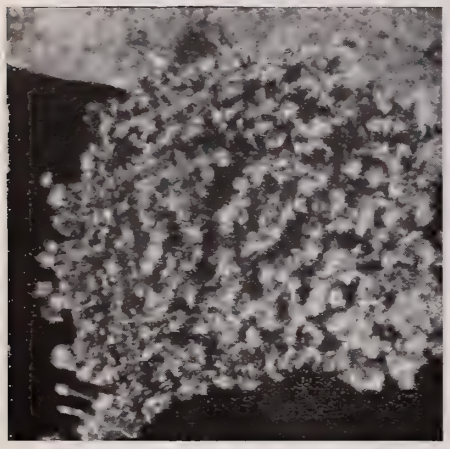
Albus Plenus. Double white	¼ oz., 70c	.25	2.40
Cyclops. Red Hybrids	¼ oz., 35c	.20	1.00
Highland Rose Queen. A free growing variety, bright crimson single flowers	⅛ oz., $1.40	.50	....
Highland Rose Queen Hybrids Mixed	¼ oz., 90c	.35	3.20

DIANTHUS PLUMARIUS—Continued		Trade pkt.	Oz.
Little Jock Hybrids. The compact plants produce a multitude of pretty fringed flowers, about an inch across, in varied tints of pink, rose and white, mostly with a deep zone and quite 50% of them are double	⅛ oz., $1.20	$0.50	....
Scoticus fl. pl. Double-Scotch. Mixed. An extra choice strain	¼ oz., 85c	.35	$3.00
Spring Beauty. Double giant-flowered carnation-like in form and size and with a beautiful color range. Very fragrant		.35	3 00
Double. Fine mixed	¼ oz., 40c	.15	1.40
Double Early-Flowering. Dwarf Mixed 10 in.	¼ oz., 40c	.25	1.40
Semperflorens. Double and Semi-Double Mixed		.25	1.80
Vaughan's Special Mixture	¼ oz., 70c	.35	2.40

DIANTHUS—SORTS

Allwoodii. × 18 in. Mixed colors. Hybrid between Carnation and Pink, very floriferous	⅛ oz., $1.00	.35	....
Alpinus. Mixed colors × Many dwarf varieties, 4 to 8 in.	¼ oz., $1.00	.35	....
Arenarius. Sand Pink. Small white fringed. 8 in.	¼ oz., 70c	.25	2.40
Barbatus × Chinensis, Mixed (Annual Sweet William). Blooms from seed the first year		.15	.60
Caesius (Cheddar Pink). × Dense tufts of glaucous blue foliage and large rose-colored flowers	¼ oz., 40c	.15	1.20
Delight. There is a bewildering range of colors from the palest pink down to the deepest purple, the predominating shades are velvety rich reds, many have the eye of a Sweet William	⅛ oz., $1.00	.35	....
Deltoides Albus. White with dark eye	¼ oz., 50c	.25	1.80
Brilliant (Maiden Pink). × Very bright red variety,	¼ oz., 50c	.25	1.80
Major Stern's Variety. Bright crimson, dark foliage.	¼ oz., 70c	.25	2.40
Graniticus. × Carmine. 9 in.	¼ oz., 40c	.25	1.40
Knappi. Clusters of clear golden-yellow flowers appear above the grassy green foliage	⅛ oz., $1.50	.50	....
Latifolius Atrococcineus pl. A beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout stem, 15 to 18 in. high		.15	.80
Loveliness. The flowers have large lacerated petals of a most exquisite mauve pink, but the most fascinating of all is their delightful fragrance	1/16 oz., $1.20	.50	....

Seeds of Biennials and Hardy Perennials



DIANTHUS Neglectus Rose Cushion.

MYOSOTIS Alpestris Blue Basket.

DORONICUM.

DIANTHUS—Continued	Trade pkt.	Oz.
Neglectus × (Glacier Pink). Rose pink, 3 in. 1000 seeds, $2.40; 100 seeds, 30c	....	....
Rose Cushion. From a little cushion of grey-green foliage that is evergreen in character, hundreds of straight stems arise and in late May the flowers appear as if by magic. The color is pure pink, flowers about ¾ in. across, plants about 3 to 4 in. tall. 1/16 oz., $1.00	$0.50	....
New Blue. A new Dianthus which is proving very popular; it was found in Japan, growing in the mountain crevices. The color is a bright lavender-blue, the foliage is deep green, and the flowers are in trusses about 9 inches high. Flowers in July, August, and September. Hardy perennial. 100 seeds, $1.00 net.		
Sweet Wivelsfield Single mixed. Especially adapted for perennial borders and rock gardens. Excellent cut flower. 1 ft. ¼ oz., 25c	.15	$0.80
Sweet Wivelsfield Double mixed. ¼ oz., 80c	.35	2.80
Best rock work species mixed × ¼ oz., 60c	.25	2.00
Vaginatus. Fine rock plant, cardinal flowers.	.35	....
Winteri. A new pink of striking beauty. Single, bold form, delightful pure colors, fragrant, blooms from seed first year. Compact habit, 9 in., ⅛ oz., $1.40	.50	....
Dicentra Eximia. (Plumy Bleeding Heart.) Dwarf. 12 in. ¼ oz., 90c	.50	3.00
Dictamnus Fraxinella (Gas Plant). Pink flowers with dark veins, 30 in. ¼ oz., 45c	.25	1.40
Fraxinella Albus. White, 30 in. ¼ oz., 45c	.25	1.50
Mixed. ¼ oz., 40c	.20	1.20
Dielytra Spectabilis. (Bleeding Heart.) ⅛ oz., $1.60	.50	10.00
DIGITALIS (Foxglove)		
Canariensis. Canary-yellow. 3 ft. ⅛ oz., 1.00	.50	....
Hybrida Lutzii. Salmon hybrids. 4 ft. ¼ oz., 40c	.25	....
Gloxiniaflora. Mixed, spotted flowers, 4 ft. lb., $3.60	.15	.40
Alba. White. lb., 4.80	.15	.50
Purple. lb., 4.80	.15	.50
Rose. lb., 4.80	.15	.50
Isabellina. A good yellow. ¼ oz., 25c	.15	.80
Shirley Hybrids. Mixed. Enormous flowers, rich mixture, 6 to 7 ft. lb., $4.80	.15	.50
Grandiflora. Chrome-yellow (Ambigua), 36 in.	.20	.80
Maculata Iveryana. Spotted varieties, 4 ft.	.15	.50
Purpurea Monstrosa. Mixed, 3 ft. Long spikes surmounted by one enormous flower.	.15	.60
Vaughan's Special Mixture	.15	.60
Doronicum Caucasicum. Yellow, early. 2 ft. Seed germinates slowly. 1/16 oz., 1.00	.50	....
Plantagineum Excelsum. Deep chrome yellow, large flowered. 100 seeds, $3.00; 1,000 seeds, $25.00	...	....
Echinacea Purpurea Hybrida (Cone Flower). Mixed. Superb varieties. ¼ oz., 50c	.25	1.80

FORGET-ME-NOT × (Myosotis)	Trade pkt.	Oz
Alpestris Blue Basket. New, best deepest blue. ¼ oz., 60c	$0.25	$2.00
Blue Eyes. Bright blue with white eye, large, early ¼ oz., 70c	.25	2.40
Indigo Blue (Royal Blue). 12 in. ¼ oz., 40c	.15	1.40
Blue Compacta. Deep blue. ¼ oz., 55c	.15	1.80
Messidor. Deep blue, long stems, 12 in. ¼ oz., 55c	.15	1.80
Rosea. 12 in.	.15	.80
Victoria. Dwarf globular strain. 8 in.:		
Sky blue. Excellent variety. ¼ oz., 60c	.25	1.90
Indigo Blue. Fine dark blue. ¼ oz., 60c	.25	2.00
Rosea. Pink. ¼ oz., 70c	.25	2.40
White. ¼ oz., 65c	.25	....
Stricta. Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft. ¼ oz., 55c	.25	1.80
Pink Bouquet. Pink. 1 ft. ¼ oz., 60c	.25	2.00
Indigo Blue Bouquet. Dark blue. 1 ft. ¼ oz., 70c	.25	....
White Bouquet	.25	...
Bouquet mixed. ¼ oz., 60c	.25	....
Dissitiflora. Rich blue, early and compact. ¼ oz., $1.35	.35	....
Palustris. The true Swamp Forget-Me-Not. Azure blue flowers, creeping habit. ¼ oz., 50c	.15	1.60
Semperflorens. Dwarf, blue, in flower from early spring unti autumn, 1 ft. ¼ oz., 55c	.25	1.80
Vaughan's Early Blue Bird. An extra early flowering strain of Blue Bird type and color. Should be used exclusively for cutting and valuable for pots or bedding. ¼ oz., 85c	.35	2.85
Hybrida Ruth Fisher. Neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage, 10 in. 1/16 oz., $1.00	.50	....
Star of Love. Dwarf blue, 8 in.	.50	....
Compacta Annemarie. New, large dark blue flowers, compact habit, most beautiful forcing variety. 6 inches high. (300 seeds)	1.00	....
Echinops (Globe Thistle) Ritro. Blue, 5 ft. lb., $3.20	.10	.30
Edelweiss. × Large-flowered, 6 in. 1/16 oz., $1.00	.50	
Eremurus Robustus, Pink, 7 ft. 100 seeds, 30c; 1000 seeds, $2.00		
Himalaicus White. 100 seeds, 30c; 1000 seeds, 2.00		
Mixed. ¼ oz., 70c	.35	2.60
Erigeron Speciosus Hyb. Grandiflorus. Rosy-lilac, 30 in. ¼ oz., 50c	.25	1.60
Double Beauty. Ideal subject for herbaceous border and attractive violet blue cut flowers, 2½ ft.	.50	....
Coulteri, White, for cutting; blooms early. ¼ oz., 50c	.25	1.70
Grandiflorus Elatior. Rosy, 24 in. ¼ oz., 80c	.25	2.80
Erinus × Alpinus. Purple, for borders, 6 in. 1/32 oz., $1.00	.50	....
Eryngium Amethystinum. Amethyst-blue, 3 ft. ¼ oz., 50c	.25	1.80
Planum. Cornflower blue, globular heads, 4 ft.	.15	.50

Rock plants are followed by × and the heights given are of the plants when in bloom.

GAILLARDIA Grandiflora Maxima Aurea.

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Eupatorium Fraseri. White, for cutting, 2 ft.	$0.15	$0.80
Euphorbia Corollata. (Wild Baby's Breath.) Resemble Gypsophila but the flowers are larger and more pronouncedly white. Will stand any amount of drought. Pure white flowers, 2 ft.	.35	....
Myrsinites. Grey trailer heads of yellow flowers. 3 in. ¼ oz., 70c	.25	2.40
Polychroma. The flowers are bright yellow changing to a rosy-bronze. 15 to 18 in. ¼ oz., $1.35	.50	4.80
Francoa Ramosa Hybrida. Bridal Wreath. Pure white elegant flowers. 2½ ft.	.50	....
GAILLARDIA Grandiflora		
Bremen. Coppery scarlet with yellow tips. ¼ oz., 45c	.25	1.40
Burgundy. Self colored wine red, 2½ in. in diameter, on long stiff stems, from June until fall. Comes 60% to 70% true, 30 in. ¼ oz., 50c	.25	1.80
Chloe. Large flowering Indian yellow. ¼ oz., 70c	.35	2.40
Dazzler. Large flowers, bright golden yellow with rich maroon-red center. 3 ft. ¼ oz., 40c	.25	1.40
Goblin. Very compact globular plants, red and yellow bicolor. ¼ oz., 90c	.50	....
Maxima Aurea. Very large golden-yellow flowers with large red eye. ¼ oz., 40c	.25	1.35
Portola Hybrids. The flowers are very large, the petals being very broad and overlapping, of great substance, and spread out flat. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2½ to 3 ft.	.25	1.40
Tangerine. Vivid tangerine orange. ¼ oz., 50c	.25	1.60
The King. Deep red, edged gold, large flowers. ¼ oz., 60c	.25	2.00
Torchlight. Bright golden yellow, rich maroon center. 2 ft. ¼ oz., 60c	.25	2.00
Gas Plant, see Dictamnus.		
Grasses, Ornamental		
Erianthus Ravennae. Plume Grass. 6 to 8 ft.	.10	.40
Eulalia Japonica Zebrina. Zebra Grass. 5 ft.	.15	1.00
Festuca Glauca. True blue grass with dense glaucous tufts. Blue stemmed grass. ¼ oz., 30c	.15	1.00
Gymnothrix Latifolia (Pennisetum Latifolium). 36 in.	.10	.50
Gynerium Argenteum. Pampas Grass.	.10	.40
Stipa Pennata. Feather Grass. 2 ft. ¼ oz., 60c	.25	2.00
Uniola Latifolia. Spike Grass. 3 ft.	.15	.50
Garden Heliotrope, see Valeriana.		
Gerbera Jamesoni. New Flowerland strain. A popular greenhouse forcing perennial plant, fine for cutting. New seed is always available as it is harvested at intervals during the year. 100 seeds, 40c; 1000 seeds, $3.00	....	....

	Trade pkt.	Oz.
Gentiana Acaulis. Gentian-blue, beautiful for edging, 5 in. ¼ oz., 60c	$0.25	....
Lutea. Yellow. Tall robust species, 40 in. ¼ oz., 60c	.25	....
Geum Coccineum Atrosanguineum Pl. × Semi-double, orange-red, 2 ft. ¼ oz., 50c	.25	$1.80
Boresi (True). Orange scarlet, continuous bloomer ¼ oz., $1.20	.50	4.00
Lady Stratheden × (Golden Ball). The blooms are large double golden-yellow. 2 ft. ¼ oz., 50c	.25	1.60
Mrs. Bradshaw. × Large double glowing red. 2 ft. ¼ oz., 50c	.25	1.60
Orange Queen. Large double orange scarlet. 2 ft. ¼ oz., 80c	.35	2.80
Mixed. ¼ oz., 60c	.25	2.00
Gilia Coronopifolia (Ipomopsis Elegans Mixed). 3½ ft. (Standing Cypress.) The flowers are 1½ inches long, trumpet-shape, borne along the side of the stem, mixed colors. A biennial. ¼ oz., 40c	.25	1.20
Coronopifolia Red. ⅛ oz., 60c	.25	....
Globularia Trichosantha (Globe Daisy). Dwarf growing with small globular shaped flowers of dark blue. 12 in. ¼ oz., $1.20	.50	....
Golden Rod, see (Solidago Canadensis).		
Gypsophila Acutifolia. Pretty useful species. Lilac pink, 4 ft.	.15	.80
Paniculata. White. Small single white flowers in great profusion, useful for cutting, 40 in. lb., $2.80	.10	.30
Fl. Pl. Extremely pretty double form, charming, (30 to 40% true), 40 in. ¼ oz., 80c	.35	2.80
Snow-White Double. Absolutely pure white strain of this popular plant, 2 ft. ¼ oz., $1.20	.50	4.00
Oldhamiana. The light little buds are first almost white but open a lively shade of pink that tends to darken as the flowers mature. Each individual flower measures slightly more than one quarter of an inch in diameter and possesses a white throat. The flowers are fragrant. ¼ oz., 60c	.25	2.00
Pacifica. Tiny pink blossoms on branching panicles. 4 ft. ¼ oz., 70c	.25	2.40
Repens × White flowers, trailer good border or rock plant, 6 in. ¼ oz., 40c	.25	1.40
Rosea. Pink. ¼ oz., 50c	.25	1.80
Helenium Autumnale Superbum. Yellow. ¼ oz., 95c	.25	3.20
Autumnale Hybr. Nanum Praecox. Remarkable dwarf, early hybrids in yellow, bronze, crimson and brown shades. ¼ oz., $1.20	.25	....
Bigelowi. Yellow dark disk, for cutting, 20 in. ¼ oz., 70c	.25	2.40
Hoopesi. Yellow. Early flowering, 30 in.	.15	.80
Riverton Beauty. Lemon-yellow with large purplish black cone, 4 ft. ⅛ oz., $1.20	.50	....
Riverton Gem. Flowers open as old gold and terra cotta changing to wallflower red, a beautiful variety, 3½ ft. ¼ oz., 90c	.35	3.00
Helianthemum × Mutabile. Mixed Colors. (Rock Rose.) Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in.	.15	.80
Helianthus (Sunflower). Harvest Moon (Laetiflorus). Flowers semi-double with three rows of petals, long and incurved, on stiff stems and of a rich yellow color. ¼ oz., 60c	.25	....
Maximilianus. Early-flowering, yellow, 3 ft. ¼ oz., 50c	.25	1.80
Perennial Varieties. Mixed. ¼ oz., 60c	.25	2.00
Heliopsis Laevis Pitcheriana. Golden yellow, 4 ft.	.15	.60
Laevis Soleil d'Or. Golden yellow, 5 ft.	.20	1.20
Lemoine's Giant. A very brilliant border plant resembling a double sunflower; flowers are double and semi-double golden yellow. A perennial that blooms from seed the first year. ¼ oz., 50c	.25	1.80
Scabra Zinniaeflora. Large deep yellow flowers, very showy, free and continuous bloomer, 3 ft. ¼ oz., 40c	.25	1.40
Helleborus Niger. Christmas Rose. White tinged rose, fine for winter. Seed germinates very slowly. 15 in. lb., $8.00	.15	.80
Hybridus Mixed, fine mixed varieties, white to purple flowers. ¼ oz., 55c	.35	1.80
Hesperis Matronalis (Sweet Rocket), lilac, 40 in. lb., $2.00	.10	.20
Matronalis Alba. White, 40 in. lb., 2.00	.10	.20

Rock Plants are followed by × and the heights given are of the plants when in bloom.

GYPSOPHILA Oldhamiana.

HELIOPSIS Lemoine's Giant.

Seeds of Biennials and Hardy Perennials

		Trade pkt.	Oz.
Heuchera × Sanguinea. Bright rich crimson, blooms from early summer until fall. Excellent for cutting. 30 in.	¼ oz., $1.20	$0.50	$4.00
Sanguinea Splendens. Bright vermilion.	¼ oz., 1.20	.50	4.00
Hybrida Grandiflora. Mixed, 30 in.	¼ oz., 1.20	.35	
Brizoides. Bright rose, 30 in.	⅛ oz., 1.00	.50	....
Hibiscus Giant Yellow Sunset or Golden Bowl. Needs protection, 2 ft.		.15	.60
Crimson Eye. White with red eye, 4 ft.		.15	.60
Mallow Marvels. Mixed, 4 ft.	lb., $4.00	.10	.40
Red, 4 ft.	lb., 6.40	.15	.60
Rose	lb., 6.00	.15	60
Hieracium × Villosum. Yellow, silvery leaves, 12 in.		.35	....
Hollyhocks. Double.			
Appleblossom	¼ oz., 40c	.25	1.20
Blood Red (Crimson)	¼ oz., 40c	.25	1.20
Chamois. Colorado Sunset or Queen of Sheba. Salmon rose	¼ oz., 40c	.25	1.20
Lilac Beauty	¼ oz., 40c	.25	1.40
Maroon	¼ oz., 40c	.25	1.20
Deep Rose	lb., 12.00 ¼ oz., 40c	.25	1.20
Newport Pink	lb., 12.00 ¼ oz., 40c	.25	1.20
Scarlet Beauty. An extra choice strain		.35	1.80
White	lb., $12.00 ¼ oz., 40c	.25	1.20
Yellow	lb., 12.00 ¼ oz., 40c	.25	1.20
Chater's Prize. Double Mixed	lb., $9.00	.25	1.00
Imperator, Improved ("Begonia Flowered" Crested Mixed). New formation, collar of frilled and fringed edges	¼ oz., 50c	.25	1.60
Triumph. Double waved and fringed flowers in delicate art shades	¼ oz., 50c	.25	1.60
Vaughan's Special Mixture includes all Doubles, Imperator, Triumph and Allegheny	¼ oz., 50c	.25	1.60
Single Maroon, Pink, Red, Rose, White, Yellow and Salmon, each	¼ oz., 25c	.15	.80
Single mixed	lb., $4.80	.10	.50
Exquisite. Mixed colors, curled edges	¼ oz., 50c	.25	1.60
Allegheny. Mammoth-flowering, mixed	lb., $4.00	.15	.40
Pink Rosette. Large bright pink flowers with rosette center and a wide row of guard petals	¼ oz., 50c	.25	1.80
Everblooming Double Hybrids, mixed. If sown early will bloom first year		.15	.50
Annual Indian Spring. A novelty of exceptional merit. If sown in February will bloom freely in early August. It produces flowers of varying attractive bright rose and rosy-carmine shades. Double and semi-double	¼ oz., $2.25	.50	8.00
Hyacinthus Candicans. White yucca-like flowers. Very decorative, 4 ft.		$0.15	$0.60
Incarvillea Delavayi. Large Gloxinia-like flowers, rosy purple, very handsome, 24 in.	¼ oz., 85c	.35	3.00
Grandiflora. Flowers brilliant rose, dwarf habit, 2 ft.	⅛ oz., $1.00	.50	....
Brevipes. Large brilliant crimson rose flowers. 2 ft.	⅛ oz., $1.00	.50	....
Hybrida Bee's Pink. Soft pink, large trumpet shaped flowers. 18 in.	⅛ oz., $1.80	1.00	....
Inula × Ensifolia. Dwarf, golden, 12 in.	⅛ oz., 60c	.25	....
Glandulosa Grandiflora. Orange. 2 ft.		.35	....
Royleana. Large golden yellow ray florets. 2 ft.	¼ oz., 85c	.25	....
Iris Kaempferi. Japanese Iris. Most seedlings bloom the second year. 18 in.	lb., $6.00	.15	.60
Siberian Mixed. 36 in.		.10	.30
Isatis Glauca. Foliage silvery gray-green. Clouds of fine yellow flowers in July. 2 ft.		.15	.60
Kenilworth Ivy × Linaria Cymbalaria. Pretty trailing variety. Pink	¼ oz., 40c	.25	1.40
Kudzu Vine. Pueraria Thunbergiana. Fragrant	lb., $3.00	.10	.30
Lathyrus Latifolius (Everlasting Pea). Mixed.	lb., 3.20	.10	.30
Latifolius Pink Beauty, very fine, 6 ft.	lb., 4.00	.15	.40
Red. Magenta, 7 ft.	lb., 4.00	.15	.40
White Pearl. Splendid sprays of bloom, 5 ft.	lb., $5.00	.15	.50
Lavandula Vera. True Sweet Lavender		.15	.60
Vera, Rose, White and Blue Mixed		.35	....
Spica, Munstead Strain. A most valuable variety producing large sweet-scented flowers in abundance. It flowers a month earlier than the common Lavender; height not exceeding 1 foot.	¼ oz., 70c	.25	....
Liatris Spicata. (Blazing Star.) Purple rose, 20 in.	¼ oz., 70c	.25	2.40
Pycnostachya. Long spike of brilliant rose purple flowers. Aug. to Oct., 4 ft.	¼ oz., 70c	.25	2.40
Scariosa. Violet-purple, 4 ft.	¼ oz., 70c	.25	2.40
Scariosa Alba. Attaining a height of 3 feet, its stout spikes of pure white blossoms are excellent for cut-flower purposes, and the plant is quite imposing in the perennial border	500 seeds	.50	....
Scariosa Hybrids. Flowers range through various shades of white and violet	⅛ oz., $1.00	.50	7.00

Lilies

Auratum Platyphyllum. Larger than the type more heavily marked	¼ oz., 50c	.25	1.80
Backhouse Hybrids. Free flowering. Many unusual shades	100 seeds, 85c; 1000 seeds, $6.00	....	....
★Candidum "Salonika." Well known white Madonna Lily, pure white flowers, dark stem, immune to disease	¼ oz., $1.25	.50	4.00
Cernuum. Lilac nodding flowers, grass-like foliage	¼ oz., 50c	.25	1.60

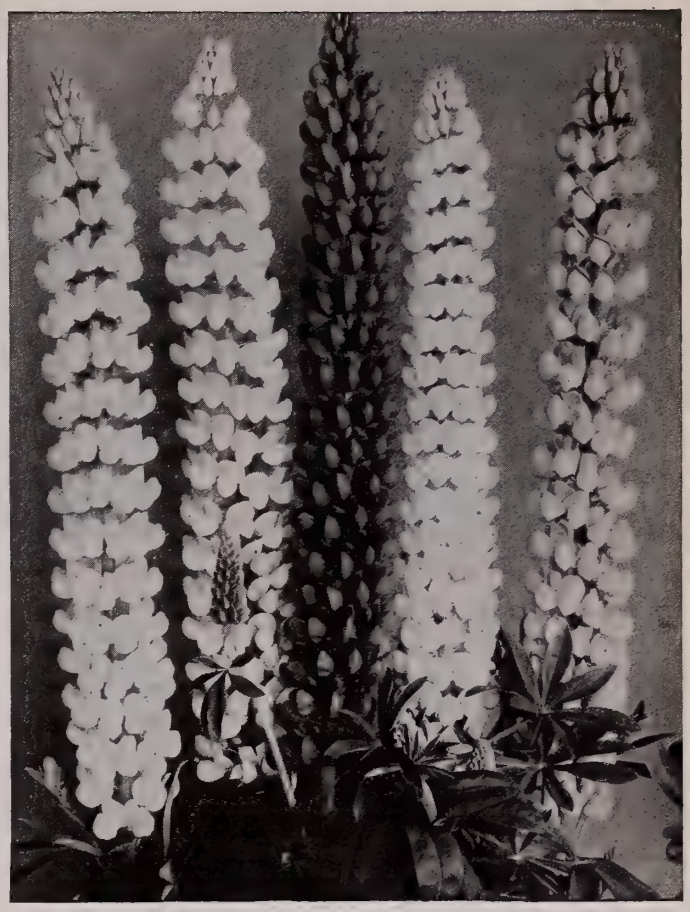
Rock Plants are followed by × and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

LILIES—Continued. Trade pkt. Oz.

Concolor. Erect fiery scarlet with dark red spots. ....¼ oz., 50c $0.25 $1.80
Henryi. Rich deep orange-yellow. 4 ft....¼ oz., 50c .25 1.80
Japonicum (Japanese Lily). Beautiful pink flowers ....¼ oz., 50c .25 1.80
Martagon. Turk's Cap Lily ....¼ oz., 60c .25 2.00
Formosanum. Improved Pure White. This selected strain produces 80% pure white flowers ....lb. $25.00; ¼ oz., 50c .25 1.80
Formosanum Giant Pure White .lb. $40.00; ¼ oz., 90c .35 3.20
Longiflorum Praecox (White Queen). Produces blooms of the well-known Erabu type within twelve months from sowing. Long trumpet flowers of clear white. ½ trade pkt., 60c; ⅛ oz., $1.75 1.00 12.00
Regale, Regal Lily. Pink outside, interior primrose-yellow, 3 to 5 ft....lb., $4.00 .15 .40
Speciosum Rubrum....¼ oz., 50c .25 1.80
Tenuifolium (Siberian Coral Lily). Flowers glowing glossy scarlet up and down the stem. 20 in.... ....lb., 6.00 .15 .60
Golden Gleam. 24 in. Blooms are deep orange and have recurved petals of waxy texture.. ¼ oz., 95c .35 3.40
Washingtonianum. (Mt. Hood Lily). Pure white, slightly tinted and dotted purple inside. ¼ oz., $1.25 .50 4.00
Willmottiae. Flowers vivid orange-red with recurved petals, spotted with brown slender foliage. 4 ft. ....¼ oz., $1.35 .50 4.80
Mixed. Many varieties....¼ oz., 50c .25 1.80

Linaria. × Cymbalaria, Lilac, 3 in....¼ oz., 50c .25 1.40
Alpina. × Purple blotched orange, 4 in..$\frac{1}{16}$ oz., $1.00 .50 ....
Canon Want. Pale pink. Blooms first year if sown early. 2½ ft....¼ oz., $1.10 .35 3.80
Macedonica Speciosa. Yellow with orange lip, 36 in. .15 .80
Linum Perenne (Perennial Flax). Very pretty pale blue flowers. 30 in....lb., $3.00 .10 .30
Perenne Fl. Album. Neat white flowers. 30 in.... .10 .40
Mixed.... .10 .40
Alpinum × Pale blue. Prostrate habit.. .... .50 ....
Flavum. Yellow. 1 ft....¼ oz., 50c .25 1.80
Compactum Nanum × Glowing golden yellow, dark green foliage. Everbloomer, 6 in....⅛ oz., $1.00 .35 ....
Narbonense. Fine blue, flowers large, graceful habit. 30 in....¼ oz., 50c .25 1.80
Lobelia Cardinalis (Cardinal Flower). 36 in. ¼ oz., 85c .25 3.00
Syphilitica. Large blue flowers. 24 in....¼ oz., 85c .25 ....
Lunaria Biennis Alba (Honesty or Peter's Pence) Lilac purple flowers curious silvery seed pods. 40 in....lb., $4.00 .15 .40
Biennis. Crimson, 4 ft....lb., 4.00 .15 .40
Munstead Purple Giant.... .15 .60
Mixed....lb., 4.00 .15 .40
Lupinus Polyphyllus.
Albus. Large, pure white spikes. 2 to 3 ft..lb., 3.20 .10 .30
Atroviolaceus. Large dark blue, new....¼ oz., 25c .15 .80
Coelestinus. Varies light to dark blue....¼ oz., 40c .25 1.40
Carmineus. Carmine shades....¼ oz., 25c .15 .80
Chocolate Soldier. Yellow, passing to chocolate.... ....¼ oz., $1.20 .35 4.00
C. M. Prichard. Pale salmon-orange with yellow... ....¼ oz., 90c .30 3.20
Gold Crest. Yellow with deeper yellow wings. ....¼ oz., 40c .25 1.40
Lavender Queen. Lavender tinted pink, 3 ft.... .15 .80
Luteus. A strain of varying yellow shades. ¼ oz., 25c .15 .80
Princess Juliana. Rich pink, 3 ft....lb., $6.00 .15 .60
Roseus. Very pretty rose shades. 3 ft....lb., $5.00 .15 .50
Salmoneus. Delicate salmon shades....¼ oz., 40c .25 1.20
Six Hills Scented. Flowers are sweetly scented and have a great range of color....lb., $5.00 .15 .50
Sunshine (Arboreus Type). Golden yellow, 30 in.... .15 .60



LUPINUS POLYPHYLLUS RUSSELL

Russell Lupinus

A MARVELOUS SELECTION OF PERENNIAL LUPINS

Most unusual colors and color combinations, some flowers are self colors and many bicolor; the standard being of one color and the keel of another. Lovely blue and yellow, cream and purple, yellow and orange and many other unique arrangements. The flowerettes are much larger than the other Polyphyllus varieties. The spikes are crowded with blossoms and resemble a closely set well rounded column of Sweet Peas. Useful as a cut flower.

Grown from originator stock seed. Trade pkt., 75c; ¼ oz., $1.40; oz., $5.00.

Reselected seeds, in originator's packets: 12 seeds, 25c; 50 seeds, 65c; 120 seeds, $1.25; 250 seeds, $2.50, Net.

LUPINUS Polyphyllus—Continued Trade pkt. Oz.

Harkness' Regal Mixture. A mixture of charming new colors, in which rose, buff, flesh and salmon shades predominate....lb., $5.00 $0.15 $0.50
Downer's Hybrids. Perpetual flowering new hybrids. ....lb., $5.00 .15 .50
Vaughan's Special Mixture. This is a choice mixture of the best perennial Lupins; English and other European strains being chosen to give the utmost variety....lb., $8.00; ¼ oz., 25c .15 .80

Lychnis Alpina. × Rose, 12 in....⅛ oz., 90c .25 ....
Arkwrightii. Large flowers in brilliant colors, varying from orange-scarlet to soft salmon-pink. May. 2 to 3 ft....¼ oz., 40c .25 1.40

Rock plants are followed by × and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

LILIUM Formosanum Giant Pure White.

LYCHNIS Forrestii Hybrids.

POPPY Nudicaule The Emperor

LYCHNIS—Continued	Trade pkt.	Oz.
Chalcedonica Salmon Queen. Beautiful salmon shade. 3 ft. ¼ oz., 40c	$0.15	$1.20
Chalcedonica. Scarlet, 36 in. lb., $4.00	.15	.40
Forrestii Hybrids. New, showy panicles of carmine, crimson, pink and white flowers, excellent for rock garden and border, 2 ft. ¼ oz., 50c	.25	1.80
Haageana Hybrida. Mixed, extra choice, 18 in. ¼ oz., 40c	.25	1.40
Scarlet, large brilliant flowers, very fine. 18 in. ¼ oz., 50c	.25	1.80
Viscaria Splendens. Early, deep rose, 16 in. ¼ oz., 30c	.15	1.00
Lythrum Roseum Superbum. Rose-purple in spikes. A good border plant. 40 in.	.15	.80

Matricaria Double Select White (Ball's Double White). This is the one and only fully double flowering pure white strain of Feverfew from seed. It is 98% true to this description. 30 in. Trade pkt., 35c; ⅛ oz., $1.00; oz., $6.00.

Matricaria Golden Ball. Striking double golden yellow. 8 in. ¼ oz., 50c	$0.25	$1.80
Snowball. Double white. 8 in. ¼ oz., 50c	.25	1.80
Meconopsis Baileyi. Himalayan Poppy, glorious sky blue, golden anthers. 3 ft. ¼ oz., $1.00	.35	3.60
Monarda Didyma Cambridge Scarlet. Brightest glowing scarlet. Fragrant foliage. July-August, 30 in.	.50	....
Didyma. Scarlet. 30 in. ⅛ oz., 90c	.50	6.00
Hybrida. Mixed. 36 in. ¼ oz., 60c	.25	2.20
Myosotis. See Forget-Me-Not, page 40.		
Nepeta Mussini. × Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft. ¼ oz., 50c	.25	1.80
Nervosa. Clear light blue flowers. ¼ oz., 65c	.25	....
Souvenir d'Andre Chaudron. Bright blue. 24 in.	.35	....
Nierembergia Hippomanica. (Coerulea) This little Dwarf Cup Flower starts flowering when the plants are only about two inches tall, that is about 15 weeks after the seed is sown, and keeps on right up until fall. The lovely lavender blue shade, heightened by a touch of yellow in the centre, is most charming. Plants are compact and not over 5 or 6 inches tall. As an edging plant it is unexcelled and it makes a splendid pot plant. It is a half hardy perennial which will winter over if given some protection. 1/16 oz., $2.00	.50	....
Oenothera Fraseri. Deep yellow. 24 in. ¼ oz., 70c	.25	
Lamarkiana. Large yellow on long spikes, 2 ft.	.10	.25
Macrocarpa. Yellow, June-Sept. 12 in. ¼ oz., 60c	.25	2.20
Youngei. Large yellow bloom. 18 in. ¼ oz., 60c	.25	2.00

POPPY

	Trade pkt.	Oz.
Papaver (Poppy) Alpine. × Mixed. Pretty delicate dwarf species. 10 in. ⅛ oz., 50c	$0.35	$3.20
Nudicaule × (Iceland). Mixed, 16 in. lb., $6.00	.15	.80
Amurense "Yellow Wonder." Large flowers of buttercup yellow are freely produced on stems 25 inches long. Foliage is glaucous, covered with short hairs. ¼ oz., 60c	.25	2.20
Coonara. Pink shades. 1½ ft. ¼ oz., 50c	.25	1.60
El Monte. Deep tangerine orange. ¼ oz., 50c	.25	1.80
The Empress. Flower large, full, well formed with broad overlapping petals, deeply fluted or wrinkled, giving the effect of doubleness. The colors range through lovely shades of salmon-rose and creamy pinks. ¼ oz., 60c	.25	2.00
The Emperor. Large flowered, orange, long-stemmed. ¼ oz., 60c	.25	2.00
Sanford's Giant Hybrids. The flowers are 2½ to 3 inches in diameter and come in shades of orange and yellow and white with long, stiff stems. Extremely free-flowering and lasts exceptionally well as a cut flower, 2 ft. ¼ oz., 50c	.25	1.80
Gartref New Hybrids, Selected from range of art shades, all with darker penciled edging. Excellent cut flower. Blooms the first year. ¼ oz., 60c	.25	2.00
Double Mixed. ¼ oz., 50c	.25	1.60
Vaughan's Special Mixture of Iceland Poppies, contains every worthwhile strain of these beautiful and useful Poppies. ¼ oz., 60c	.25	2.20

ORIENTAL POPPY

Orientale (Oriental Poppy). Scarlet, 3 ft. lb., $8.00	.15	.80
Brilliant. Brilliant fiery-red, 40 in. ¼ oz., 50c	.25	1.80
Beauty of Livermere. Oxblood red. ¼ oz., 70c	.25	2.40
Carneum. Light and dark salmon pink shades. 70% true. 40 in. ¼ oz., 60c	.25	2.00
Goliath. Brilliant scarlet. ¼ oz., 70c	.25	2.40
Mahony. Maroon-crimson. 40 in. ¼ oz., $1.00	.35	3.20
Mrs. Perry. Salmon-rose. ⅛ oz., 1.20	.35	....
Olympia. Very attractive flowers, light scarlet with salmon shading. About 40% will be double flowering. This combination makes it one of the outstanding new perennials.	.60	....
Perry's White. White flowers with a tinge of blush.	.50	....
Princess Victoria Louise. Flowers rather small, resembling a large tulip, perfect form, light orange salmon. 40 in. ¼ oz., 60c	.25	2.00
The Feltham. Shades of scarlet, orange and apricot without the dark blotch at base of flower, 2 ft.	.50	....
New Oriental Hybrids. From a collection of new named sorts. ¼ oz., 60c	.25	2.00
Vaughan's Special Mixture. ¼ oz., 70c	.25	2.60

The named varieties of Oriental Poppies do not come true from seed.

Rock plants are followed by × and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

PRIMULA (Veris Polyanthus)

PRIMULA Auricula

PYRETHRUM Roseum Double

		Trade pkt.	Oz.
Pentstemon. Digitalis. White tinted violet, 36 in.	¼ oz., 50c	$0.25	$1.80
Heterophyllus. Blue Gem. × Flowers bright Gentian blue shaded with light violet. June to August, 1 to 2 ft.	¼ oz., 60c	.25	2.00
Glaber. Blue, 36 in.	¼ oz., 50c	.25	1.80
Grandiflorus. Excellent, easily-grown, long lasting cut-flower. Lavender-blue. 3 ft.	¼ oz., 70c	.25	2.40
Pubescens. Violet-purple, lips white, 18 in.	¼ oz., 80c	.25	2.80
Phlox Decussata. Perennial varieties mixed. Seed germinates slowly. 3 ft.	lb., $16.00; ¼ oz., 40c	.25	1.40
Physalis Franchetti (Chinese Lantern Plant)		.15	.60
Physostegia Virginica. Deep rose flowers in close compact spikes, 4 ft.	¼ oz., 40c	.25	1.40
Virginia Alba. Fine pyramidal habit, large spikes, white flowers, 36 in.	¼ oz., 40c	.25	1.40
Compacta. Dwarf, rose	¼ oz., 50c	.25	1.80
Platycodon Grandiflorum. Blue, 28 in.		.15	.60
Grandiflora. Alba. White, 28 in.	¼ oz., 25c	.15	.80
Mixed, 28 in.		.15	.60
Double Blue	¼ oz., 60c	.30	2.00
Early Flowering Giant White. 28 in.	¼ oz., 40c	.20	1.40
Early Flowering Giant Blue.	¼ oz., 40c	.20	1 40
Praecox Gigantea, early flowering blue.	¼ oz., 60c	.25	2.00
Mariesii. Dark blue, dwarf, 16 in.	¼ oz., 60c	.25	2.00
Alba. White and faint blue, dwarf, 16 in.	¼ oz., 70c	.25	2.60
Polemonium Coeruleum. Jacob's Ladder. Large blue, very ornamental, 30 in.		.15	.50
Coeruleum Album. White, 30 in.		.15	.60
Richardsoni. Dwarf, blue, early, 20 in.		.15	.80
Polyanthus. (See Primula Veris).			
Potentilla Formosa × Cherry red, 12 in.	¼ oz., 50c	.25	1.80
Nepalensis × Miss Willmott. Bright carmine rose, 12 in.	¼ oz., 50c	.25	1.80
Roxana. Brilliant salmon with darker veins, 18 in.	⅛ oz., 50c	.25	....
Rupestris ×. White, 12 in.	¼ oz., 50c	.25	1.80
Warrensi. A lovely new plant for the sunny hardy border. Covered with large, pure yellow blossoms all summer. Suitable for cutting. 2 ft.	¼ oz., 70c	.25	2.40
Double Mixed, 20 in.	¼ oz., 70c	.25	2.40
Single Mixed, 26 in.	¼ oz., 40c	.15	1.20

PRIMULA

Auricula. × Large Flowering. Mixed, 6 in.	⅛ oz.,	1.00	.50	6.00
Giant Flowered. Mixed, 6 in.	⅛ oz.,	1.40	.75	10.00
Bullesiana Hybrida. × Fine shades of yellow, orange, apricot and carmine. May-June. 18 in.	⅛ oz., $1.20		.50	....
Bulleyana. Flowers yellow, bud terra-cotta.	⅛ oz., 85c		.50	
Cashmiriana. Lilac, early, hardy, 12 in.	1/32 oz., $1.00		.50	....
Cortusoides. Rose, 10 in.	⅛ oz.,	1.00	.50	....

PRIMULA—Continued		Trade pkt.	Oz.
Denticulata Grandiflora Hybrida × 12 in.	1/32 oz., $1.00	$0.50	....
Floribunda Grandiflora. Yellow, for pots. 1 ft.		.75	....
Florindae. Fragrant, bright yellow pendant flowers. 3 to 4 ft.	1/16 oz., 50c	.25	
Japonica. All Red × 20 in.	⅛ oz., 90c	.50	....
Japonica. × Special strain. 20 in.	⅛ oz., $1.00	.50	
Lisadell Hybrida Red Hugh. × Intense fiery red flowers produced in tiers growing to two feet in height. June		.50	....
Pulverulenta. × Shining purple-carmine. May-June. As hardy as Polyanthus. 16 in.	⅛ oz., $1.00	.35	....
Bartley Strain. Beautiful shades of rose and pink, 3 ft.		.50	....
Rosea Grandiflora, × Rose-carmine, May-June. 8 in.	1/32 oz., 85c	.50	....
Sikkimensis. Yellow. 15 in.		.50	....

PRIMULA VERIS KLEYNII

It has heavy stems, average length 8 to 12 inches, carrying immense heads of 15 to 25 florets, each floret 1" to 1½" in diameter, rich golden yellow shaded apricot towards center. Plants average 6 flower spikes each, perfectly hardy outside anywhere in the U. S. A. Plants forced in winter can be divided up and planted out in April. Those develop strong plants for the hardy border, rockery, or for forcing the following winter. Large heavy leaves.

100 seeds, 40c; 250 seeds, 85c; 1000 seeds, $3.00.

Veris (Polyanthus). × Coerulea. Dark blue. 1 ft. 1/16 oz., $3.40; 100 seeds, 25c; 1,000 seeds, $1.80		Trade pkt.	Oz.
Colossea Mixed. The large heads of flowers are borne on very long and stiff stalks quite above the foliage and have proven to be very valuable as cutflowers for early forcing. The flowers which are freely produced are extremely large, measuring more than 1¾-inch across. The range of colors is most remarkable, including many quite new shades of lilac, pink, copper as well as the darkest red		$0.75	....
Grandiflora. × Mixed. 1 ft.	¼ oz., 90c	.35	$3.00
Excelsior strain of large-flowering varieties.	¼ oz., $1.50	.50	5.00
Mrs. Berkeley's Strain. Very fine new race with large flowers	⅛ oz., $1.00	.50	
Gigantea Teicher's Giant Mixed	⅛ oz., 1.00	.50	6 00
Lutea. × Yellow, 12 in.	⅛ oz., .70	.25	
White. 12 in.	⅛ oz., .90	.35	
Red shades. Splendid mixture, 12 in.	⅛ oz., .70	.35	....
Acaulis, Mixed	⅛ oz., .70	.25	....
Coerulea. Blue varies.	500 seeds, $1.00; 1000 seeds, $1.80	....	....
Vulgaris. × True. Yellow Primrose, 6 in.	¼ oz., 80c	.35	2.80

Pueraria Thunbergiana (Kudzu Vine)	lb., $3.00	.10	.30

Rock plants are followed by × and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

PYRETHRUM

		Trade	pkt.	Oz.
Roseum. Pink, 30 in.	¼ oz., 80c	$0.35		$2.80
Album. White, excellent	¼ oz., 70c		.25	2.40
Atrosanguineum. Dark red shades	¼ oz., 90c		.35	3.00
Carneum. Flesh	¼ oz., 60c		.25	2.00
James Kelway. Deep velvet red varies	¼ oz., 80c		.35	2.80
Grandiflorum Rubrum. Deep ruby red			.50	....
Album. White	⅛ oz., $1.50		.50	....
Roseum	⅛ oz., $1.50		.50	....
Mixed	¼ oz., 90c		.35	3.20
Giant Robinson's Hybrids. Mixed	¼ oz., 90c		.50	3.20
Robinson's Dark Crimson	¼ oz., 90c		.50	3.20
Comet-Flowered. Single and semi-double with twisted petals	⅛ oz., $1.40		.50	....
Double Pyrethrum do not produce 100% of double flowers—the percentage is better the second year.				
Double Atro-roseum, red	⅛ oz., $1.50		.50	....
Blood red			1.00	....
Pink			.75	....
Salmon			.75	....
Sulphureum Sulphur yellow			1.00	....
White	⅛ oz., $1.80		.75	....
Mixed. Extra choice	¼ oz., $1.30		.50	4.00
Cinerariaefolium. Persian Insect Powder Plant. White, for cutting, 2 ft.	¼ oz., 40c		.15	1.40
Ptarmicaeflorum. Silvery white, feathery foliage, valuable for pots, beds, and edgings	⅛ oz., $1.60		.50	....
Tchihatchewii. (Turfing Daisy.) White; for poor soils. 6 in.	¼ oz., 50c		.25	1.80
Uliginosum. Giant Daisy. White; late 4 ft.	¼ oz., 90c		.35	3.20

Ramonda Pyrenaica. Flat leaved rosettes, soft violet Verbascum-like flowers, fine dwarf alpine, 6 in. ..... 100 seeds, $1.00 ....
Pyrenaica Alba. Beautiful white flowers. 2 ft. ..... 100 seeds, $1.40 ....

Ranunculus Asiaticus Superb. Mixed. Very fine varieties in mixture ..... lb., $6.00 .15 .60
Double Camellia Flowered. Very large flowers in most distinct and uncommon colors, double, semi-double and single. 12 in. ..... ¼ oz., $1.20 .50 4.00
Claremont Hybrid Sunset, Orange ..... .75 6.00
Bonnie Lassie, Pink ..... .75 6.00
Huntsman, Red ..... .75 6.00
Hybrids ..... .75 6.00

Rehmannia Angulata. Rose and red shades, 24 in. ..... ¼ oz., 85c .35 3.00

Rock Plants. Perennial Mixed ..... ¼ oz., 40c .25 1.40

Romneya Coulteri (California Giant Poppy). Beautiful snowy-white fragrant flowers. 4 ft. . ¼ oz., 60c .35 2.00

Rosa Polyantha Nana Multiflora fl. pl. ×. The baby rose for rock gardens, blooms in 10 weeks, resembles Rose Rouletti, clean seed ..... ¼ oz., 85c .35 3.00

Rudbeckia Hirta Herbstwald (Autumn tints). Well formed, large starflowers in all the autumnal shades on long, firm stems ..... ¼ oz., 50c .25 1.80
My Joy (Giant Black-Eyed Susan). Large orange-yellow flowers ..... ¼ oz., 40c .25 1.40
Newmanii (Speciosa). Orange rays, black disk; a showy autumn bloomer ..... ¼ oz., 45c .25 1.40
Purpurea (Echinacea). 4 ft ..... ¼ oz., 45c .25 1.40

Salvia Argentea. Large ornamental white leaves. 36 in. .15 .60
Azurea Grandiflora. Tall growth and long stalks. The blue flowers are large ..... ¼ oz., 50c .25 1.80
Patens. Very large flowers, splendid blue, free bloomer ..... ¼ oz., 70c .25 2.40
Pratensis. Dark blue. 1⅔ ft. ..... ¼ oz., 50c .35 1.50
Turkestanica. Bracts white to lilac ..... ¼ oz., 50c .25 1.80
Verbascifolia Syria. Tall spikes of light blue and white flowers with dark markings. 5 ft. ..... ¼ oz., 50c .25 1.80

Saponaria × Ocymoides Splendens. Rosy purple. Pretty border or rock plant ..... .15 .60

Saxifraga Aizoon. × Creamy white silver braided. 6 in. .50 ....
Cordifolia × Vivid rose. A fine rock plant, 24 in. .... 100 seeds, 35c; 1000 seeds, $2.50 ... .
Decipiens Grandiflora. × Masses of white flowers; charming. 18 in. ..... ⅛ oz., 75c .35 ....
Hybrida. Purple Robe. × Carmine with purple reflex, 8 in. ..... 1/32 oz., 80c .35
Lingulata Leichtlini. Vivid rose, 28 in. .... 100 seeds, 30c; 1000 seeds, $2.50 ... .

SAXIFRAGA—Continued

		Trade	pkt.	Oz.
Megasea Mixed. Large leathery leaves with short stemmed racemes of flowers. Spring		$0.75		
Perennial Species mixed	1/16 oz., 50c		.35	
Mossy Varieties mixed	1/16 oz., $1.00		.50	
Scabiosa Caucasica Alba. Pure white, 40 in.	¼ oz., 60c		.25	$2.20
Perfecta. Lavender. Improved form, flowers very large and beautiful	¼ oz., 60c		.25	2.20
House's New Hybrids. Flowers very large and of beautiful form, ranging in color from light azure-blue and lavender to deep blue and silvery white.	¼ oz., 80c		.35	2.80
Goldingensis. Large flowers, waved petals, small center, deep lavender	¼ oz., 80c		.35	2.80
Vaughan's Special Mixture. All the above Caucasica types	¼ oz., 80c		.35	2.80
Fischeri. Flower is 2½ inches across and is beautiful blue-purple color. Flowering growths are clothed with smaller, finely-cut foliage up to the height of a foot or more, these ending in a long, naked flower stem which makes the plant a useful subject for cutting. 2½ ft.	¼ oz., 70c		.25	2.40
Columbaria Delicate Pink. Deep rosy-mauve. 2 ft.	¼ oz., 60c		.25	2.00
Delicate Lavender, 2 ft.	¼ oz., 60c		.25	2.00
Japonica. Clear blue flowers, 30 in.			.15	.50
Scutellaria × Coelestina. Dense bushy habit, abundance of light blue flowers	⅛ oz., 80c		.25	
Sedum × Acre (Golden Moss). A pretty subject for walls and rock gardens. Yellow. 3 in.	⅛ oz., 70c		.25	....
Aizoon. Yellow with brown. 5 in.			.50	
Mixed	¼ oz., 85c		.35	
Sempervivum × Perennial species. Mixed			.35	
Senecio Clivorum Orange Queen. Stately border plant; loves moisture. Orange flowers. July. 4 ft.	¼ oz., 60c		.25	
Sidalcea Rose Queen. Splendid rose flowers.	¼ oz., 40c		.25	1.40
Rosy Gem. Mallow rose, 18 in.	¼ oz., 40c		.25	1.40
New Hybrids	¼ oz., 50c		.25	1.80
Silene Alpestris × Sheets of glistening white flowers from May to July. Prefers shade. 6 in.	1/16 oz., 60c		.35	
Asterias Grandiflora. Large globular crimson-scarlet heads. 18 in.	¼ oz., $1.00		.35	3.60
Orientalis. × Bright red flowers in terminal umbels. 30 in.			.15	.50
Saxifraga. × Creamy white, tinged red, 10 in.	¼ oz., 60c		.25	....
Schafta. × Rosy purple, trailing habit, July. 8 in.	¼ oz., 50c		.25	1.80
Siberica. × Rose. 18 in.			.35	....
Sisyrinchium Anceps. × Blue-eyed grass. Pretty little Iris with grass-like foliage; flowers deep blue with darker eye. May. 7 in.	1/16 oz., 60c.		.35	
Solidago (Golden Rod). Canadensis. 5 ft.	¼ oz., 50c		.25	1.80
Stachys Lanata. Silver leaves, purple flowers, 24 in.			.15	.60
Statice Latifolia. Small lavender blue flowers in large panicles. 1 ft.	¼ oz., 40c		.25	1.40
Caspia. Tender lilac color, 30 in.	¼ oz., 60c		.25	2.20
Dumosa. Dense cushions of pure silver-gray flowers; an improved Tatarica. 30 in.	¼ oz., 50c		.25	1.60
Macrophylla Atro-coerulea. Dark blue. 2½ ft.	¼ oz., 60c		.25	2.00
Perezii. Free-flowering lavender species, 30 in.	¼ oz., 50c		.25	1.60
Tatarica (Incana). White, best for dyeing. 18 in.			.15	.60
Stokesia Cyanea (Stoke's Aster). Large blue flowers, dwarf habit, beautiful late bloomer	¼ oz., 50c		.25	1.60
Cyanea Alba. Blush white variety. 16 in.	¼ oz., 40c		.25	1.40
Sweet William. See Dianthus Barbatus.				
Teucrium (Germander) Chamaedrys. Grey foliage, spreading habit, small rose colored flowers, 8 in.			.25	....
Thalictrum Aquilegifolium (Meadow Rue). Graceful foliage, mixed colors, 40 in.	¼ oz., 45c		.25	1.40
Adiantifolium. Flowers yellow, 18 in.	¼ oz., 45c		.25	1.40
Dipterocarpum. Lovely mauve flowers in large panicles, most charming for cutting. 4 to 5 ft.	¼ oz., 45c		.25	1.50
Album. White, new	¼ oz., 60c		.25	....
Glaucum. Bronze-yellow, June, 4 ft.			.15	.85
Thermopsis Caroliniana. Yellow pea-shaped flowers in long racemes. 3 ft.	¼ oz., 70c		.25	2.60
Thymus Serpyllum. × (Wild Thyme). Creeping habit, hairy foliage, purple flowers, 2 in.	⅛ oz., 60c		.25	....
Serpyllum Coccineum. Bright red	⅛ oz., 60c		.25	....

Rock Plants are followed by × and the heights given are of the plants when in bloom.

VIOLA Cornuta. In Flower All Summer.

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Tritoma Uvaria Grandiflora (Red-Hot Poker Plant or Torch Lily). 40 in. ¼ oz., 40c	$0.25	$1.40
Hybrida, Perpetual-Flowering. 3 ft. ¼ oz., 50c	.25	1.60
Express. Early-flowering, yellow, bud red. 3 ft.	.20	1.20
Mirabilis. Yellow, blooms first year. 3 ft. ¼ oz., 50c	.25	1.80
Pfitzer's Hybrids. ¼ oz., 50c	.25	1.80
Trollius (Globe Flower) Ledebouri. Late flowering, large orange-yellow flowers. 2 ft. ¼ oz., $1.35	.50	5.00
Ledebouri Golden Queen. Large flowers, petals golden orange, yellow anthers 3 to 4 ft. ¼ oz., $1.35	.50	5.00
Europaeus. Pale yellow. 20 in. ¼ oz., 65c	.35	2.40
Hybridus Orange Princess. Bright orange ¼ oz., $1.35	.50	5.00
Mixed. ¼ oz., 1.00	.35	3.60
☞Put Trollius seed 30 seconds in boiling water before sowing.		
Tunica X Saxifraga. Lilac-rose, May. 10 in.	.15	.60
Valeriana Alba white (Garden Heliotrope). 36 in.	.15	.60
Rubra (Coccinea). Purple rose. 36 in.	.15	.60
Mixed. White and red.	.15	.60
Officinalis. Heads of rose-tinted white flowers. June-July; with strong heliotrope odor. 4 ft. ¼ oz., $1.00	.35	....
Verbascum Miss Willmott. Large yellowish white flowers, 5 ft.	.20	.80
Harkness Hybrids. Immense spikes of pure yellow, tall vigorous habit, splendid variety. 7 ft.	.15	.80
Olympicum. Silvery foliage, golden-yellow flowers 6 ft. ¼ oz., 70c	.25	2.40
Phoeniceum Hybrids. Mixed. Graceful spikes in various shades including white, pink, salmon and violet, 2 ft.	.15	.60
Verbena Bonariensis. Upright growing, slender branched stems, numerous terminal umbels of rosy lavender flowers. ¼ oz., $1.25	.50	4.25
Canadensis. Of spreading habit, with large reddish lilac trusses of flowers, produced through entire summer. Robust garden subject.	.25	....
Veronica Amethystina. X Long racemes of bright blue flowers, 1 ft. ¼ oz., 60c	.25	2.20
Incana. (Candida). Ageratum-blue, silvery foliage, 12 in. ¼ oz., 85c	.35	3.00
Longifolia (Maritima). Compact clusters of blue flowers, 30 in. ¼ oz., 40c	.25	1.40
Hendersoni Nana. Dark blue, free flowering. 12 in. ¼ oz., 50c	.25	1.80
Repens. X Dwarf branching, pale blue, 2 in. ¼ oz., 60c	.25	2.20
Spicata. Various shades, 18 in. ¼ oz., 50c	.25	1.60
Rosea. Pure pink.	.35	....
Teucrium Prostrata. Mixed, 6 in. ⅛ oz., 90c	.50	....
Royal Blue. Dwarf bushy habit, bright dark blue flowers. 1 ft. ¼ oz., 70c	.25	....
Perennial Species. Mixed. ¼ oz., 50c	.25	1.80

Viola

	Trade pkt.	Oz.
Cornuta. Admiration. Very large circular purple flowers. 8 in. ¼ oz., 50c	$0.25	$1.80
Blue Beauty. Bright blue, early, free-flowering. ⅛ oz., 65c	.35	4.00
Blue Perfection. Light blue. Large flowered. 8 in. ¼ oz., 50c	.25	1.80
Chantreyland. A perfect Viola, producing masses of purest apricot flowers. ¼ oz., $1.20	.35	4.00
Golden Orange. Shade or two darker than Viola Chantreyland, uniform color, free flowering. ¼ oz., 70c	.25	2.40
G. Wermig. Rich violet-blue, 8 in. ¼ oz., 1.60	.50	6.00
White Wermig. 8 in. ¼ oz., 50c	.25	1.80
Ilona. Wine red. ¼ oz., 50c	.25	1.80
Jersey Gem. Compact habit, deep violet-blue. 8 in. ¼ oz., $3.20; ⅛ oz., $1.80	.50	....
Lutea Splendens. Chrome yellow. 8 in. ¼ oz., 50c	.25	1.60
Mauve Queen. Reddish violet, 8 in. ¼ oz., 50c	.25	1.80
Papilio. Blue and white, 6 in. ¼ oz., 50c	.25	1.60
Primrose Perfection. A good yellow. ¼ oz., $1.20	.35	4.00
Puck. The 2 upper petals are clear purple-violet, the 3 lower, golden-yellow. 6 in. ¼ oz., 60c	.25	2.20
Rosea, 6 in. varies. ¼ oz., $1.20	.35	4.00
Spring Messenger. Bright rich purple. ¼ oz., 50c	.25	1.80
Violette. Deep violet blue. ⅛ oz., $1.25	.50	8.00
White Perfection. White. Large fld., 8 in. ¼ oz., 50c	.25	1.80
W. H. Woodgate. Violet purple, large, round flowers on long stems, 9 in. 1/16 oz., $1.50	.50	....
Vaughan's Improved Scotch. Three and five blotched in splendid mixture. ¼ oz., 85c	.35	2.80
Mixed. Small Flowering Type. ¼ oz., 50c	.25	1.80
Hybrida Apricot. Beautiful rich apricot shades tinged towards center. ¼ oz., 85c	.35	3.00
Arkwright Ruby. Bright ruby crimson, with central markings; velvety; fragrant. ⅛ oz., $1.00	.35	6.00
Black Prince. 8 in. ¼ oz., 50c	.25	1.80
Blue Butterfly. Mid-blue shading to white. Resembles Pansy Beaconsfield. ¼ oz., $1.00	.35	3.60
Primrose Dame. Sulphur yellow. 8 in. ¼ oz., 70c	.35	2.40
Vaughan's Special Mixture. The bright shades of self colors of red, yellow, blue and apricot, combined with many shades which are blotched, undoubtedly makes these Violas a supreme mixture. ¼ oz., 85c	.35	3.00
Tufted Pansies. Finest mixture of these long and free blooming varieties, 9 in. ¼ oz., 50c	.25	1.80

Viola—Various Types

Bosniaca. Free blooming, small deep purple flowers, 4 in. ¼ oz., 70c	.25	2.40
Florariense. Beautiful lavender. ⅛ oz., $1.50	.50	....
Gracilis Lord Nelson. Violet-purple, 6 in. ¼ oz., 80c	.35	2.80
Eisenach Jewel. Small-flowered, deep violet.	.50	....
Johnny Jump Up. Little Pansy faces of purple, blue and yellow. ⅛ oz., $1.00	.50	....
Nigra (Bowles Black Pansy). Interesting and attractive little pansy, pretty small black flowers.	.35	....
Odorata (The Czar Blue). Dark blue. ¼ oz., 70c	.30	2.60

Wallflower. Double Annual "Early Wonder". This remarkable Wallflower comes into bloom within 5 months from sowing. These must be grown in 4 inch flats, they do not like too much root room. 2 ft.

Canary-Yellow (Gold Standard). ¼ oz., 75c	.25	....
Golden-Yellow, flaked with brown. ¼ oz., 75c	.25	....
Dark Brown. ¼ oz., 75c	.25	....
Violet. ¼ oz., 75c	.25	....
Double Annual Early Wonder Mixed. ¼ oz., 50c	.25	1.80
Double Tall Branching, Golden yellow, 2 ft.	.50	....
Dark Brown	.50	....
Violet	.50	....
Double Tall Tree. Golden yellow	.50	....
Dark Brown	.50	....
Violet	.50	....
Single Goliath. Early flowering dark brown. 2 ft.	.10	.50
Mixed	.10	.30
Parisian Forcing, mixed, 15 in.	.15	.60
Annual Blood Red	.10	.40
Yellow, 20 in.	.10	.40
Wistaria Sinensis. Blue	.10	.30
Yucca Filamentosa (Adam's Needle). Apple green leaf, branched panicles, 5 ft. lb., $4.00	.10	.40

Rock Plants are followed by X and the heights given are of the plants when in bloom.

Summer Flowering Bulbs

FOR WHOLESALE TRADE ONLY

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

DOUBLE BEGONIA

ACHIMENES

AMARYLLIS

Large Flowering Hybrids

One of the finest strains of Amaryllis we have ever seen, raised by eminent growers whose stock and hybridization for many years we have purchased in its entirety. Flowers are immense, borne as a rule four to a stem, in an amazing and beautiful range of colors, blended, splashed and striped in a manner not seen in other strains.

	Doz.	100
2-2½ inch	$2.00	$15.00
2½-3 inch	2.75	20.00

ACHIMENES

This is closely related to the gloxinia. Plant 6 to 7 bulbs in a 5-inch pot, or 9 to 10 in a 6-inch pot. The soil used for potting should be rich in humus and of an open, porous nature, allowing perfect drainage. A good mixture to use is equal parts of loam, leaf mold and sand. About one-third of the depth of the pots or pans should be occupied with drainage. After the young growth appears, great care should be taken to keep the soil moist, for a single severe drying will ruin the plant. Blooming time 8 to 10 weeks after planting.

	Doz.	100	1000
Purple or Light Blue	$0.35	$2.00	$15.00

BEGONIAS

Tuberous-Rooted

Every florist should grow some of these bulbs, as they make showy plants that find ready sales in the spring and summer. Use 4-inch pots and shift later to 5 and 6-inch pots if larger plants are wanted. A compost of one part rotted cow manure to two parts loam and one part leaf mould will give good results. Water sparingly until growth is started. They like a 55-58 degree temperature at night.

	Doz.	100	1000
Single Crispa, Separate Colors:			
1-1½ inch	$1.00	$ 6.50	$60.00
1½-2 inch	1.60	11.00	100.00
2 inch	2.00	15.00	140.00
Double Camellia-flowered, Separate Colors:			
1-1½ inch	1.00	6.50	60.00
1½-2 inch	1.60	11.00	100.00
2 inch	2.00	15.00	140.00
Carnation-flowered or Frilled, Separate Colors:			
1-1½ inch	1.00	6.50	60.00
1½-2 inch	1.60	11.00	100.00
2 inch	2.00	15.00	140.00
Narcissus-flowered	1.90	14.00	130.00
Pendula or Hanging Basket Type	1.60	11.00	100.00

CALADIUM ESCULENTUM

(Elephant's Ear)

Sizes	Doz.	100	1000
5 to 7-inch circumference	$0.50	$ 3.00	$25.00
7 to 9-inch circumference	.75	5.00	45.00
9 to 11-inch circumference	1.25	8.50	80.00
11 to 12-inch circumference	2.25	16.00	.....
12-inch and upwards, very large	2.75	19.00	.....

TUBEROSES

Well-Cured Bulbs

Our Bulbs are secured from dependable growers who are very careful in selecting the best **Dwarf Excelsior Pearl Type.**

		100	1000
Dwarf Excelsior Pearl	First size, 4 to 6-inch	$3.00	$25.00
	Second size, 3 to 4-inch	1.75	15.00
Mexican		2.00	18.00

MISCELLANEOUS BULBS

	Doz.	100	1000
ACIDANTHERA. Large	$1.75	$12.00	.....
Medium	1.50	10.00	.....
APIOS TUBEROSA. Climber	.90	6.00	$55.00
CALLAS Elliottiana. Yellow. 2-2½ inch	1.50	10.00	95.00
2½-3 inch	2.00	15.00	140.00
CHLIDANTHUS Fragrans	.75	5.00	45.00
CINNAMON VINES. Climber, large roots	.70	4.50	40.00
GLOXINIAS. 1-1½ inch	1.75	12.00	.....
1½-2 inch	2.50	17.50	.....
HYACINTHUS CANDICANS. 1¼-1½ inch	.75	5.00	45.00
1½-2 inches	.90	6.00	55.00
ISMENE CALATHINA, (White) Peruvian Daffodil	1.40	9.50	90.00
MADEIRA VINE. 2-3 inches	.50	3.00	25.00
3 inches and up	.60	4.00	35.00
MILLA BIFLORA. Showy white star-shaped flowers	1.25	8.00	75.00
MONTBRETIAS MIXED	.55	3.50	30.00
OXALIS. In separate colors	...	1.00	7.00
SPREKELIA. Scarlet. Medium	1.60	11.00	.....
Large	1.75	12.00	.....
TIGRIDIAS MIXED	.95	6.50	60.00
ZEPHYRANTHUS CANDIDA. (White)	.35	2.00	18.00
ZEPHYRANTHUS ROSEA. (Pink)	.55	3.50	30.00

LILY BULBS

FROM COLD STORAGE F. O. B. CHICAGO

LILIUM LONGIFLORUM GIGANTEUM

Southern Grown

	100	Case
7 to 9-inch (300 to case)	$ 7.00	$18.00
8 to 10-inch (225 to case)	9.00	19.00
9 to 10-inch (200 to case)	11.00	20.00

Northern Grown

7 to 9-inch (300 to case)	7.50	19.00
8 to 10-inch (225 to case)	9.50	20.00
9 to 10-inch (200 to case)	12.00	21.00

LILIUM REGALE

The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 to 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable lily for outdoor planting.

	Doz.	100	1000
6 to 7-inch	$0.80	$5.50	$50.00
7 to 8-inch	1.05	7.00	62.50
8 to 9-inch	1.30	9.50	87.50
9 to 10-inch	1.80	13.00	120.00

AURATUM—GOLD-BANDED

Flowers white, dotted crimson, with a clear golden band running through center of each petal; very fragrant.

	Doz.	100	Case
8 to 9 inches (180 bulbs to a case)	$1.50	$10.00	$16.00
9 to 11 inches (125 bulbs to a case)	1.90	14.00	16.00

SPECIOSUM RUBRUM MAGNIFICUM

Flowers are of good substance; will last a long time and do not all open at once.

	Doz.	100	Case
8 to 9 inches (200 bulbs to a case)	$1.50	$10.00	$17.00
9 to 11 inches (140 bulbs to a case)	2.00	15.00	17.00

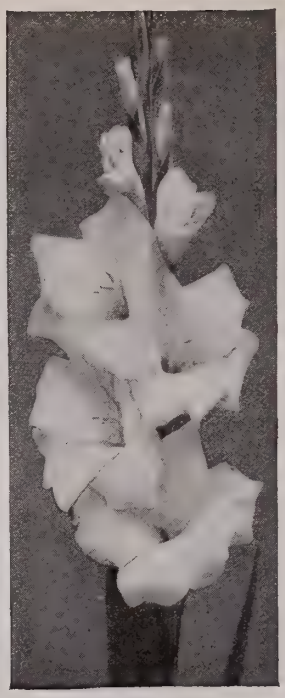
OTHER LILIES

	Doz.	100
LILIUM BATEMANNIAE. Deep apricot	$1.60	$11.00
LILIUM CANADENSE. Yellow and orange	1.50	10.00
LILIUM ELEGANS. Mixed	1.50	10.00
LILIUM HENRYI. Apricot yellow, 8-9 inch	1.50	10.00
9-11 inch	1.90	14.00
LILIUM JAPONICUM. Pink	1.80	13.00
LILIUM PHILLIPINENSE FORMOSANUM	1.50	10.00
LILIUM SUPERBUM. Orange	1.50	10.00
LILIUM TENUIFOLIUM	1.10	7.00
LILIUM TIGRINUM Splendens	1.10	7.00
LILIUM TIGRINUM Fl. Pl.	1.25	8.00

PALM SPRINGS.

MRS. T. J. KNUDSON.

HOPI.



MINUET.

DR. BENNETT.

Vaughan's Glorious Gladioli

Prices subject to change without notice. Grown on our own farms from our own planting stocks.

IF SECOND SIZE Bulbs are wanted, deduct 20% from prices below except where noted.

	100	1000
AFLAME. Giant begonia rose	$1.80	$13.00
ALBATROSS. Clear white. **First size**	2.10	16.00
Second size	1.80	13.00
ALBANIA. Large pure white. **First size**	1.70	12.00
Second size	1.50	10.00
ALMA. Immense light lavender-pink	1.60	11.00
AMERICA. Pure, late pink. **First size**	1.50	10.00
Second size	1.30	8.50
ANNA EBERIUS. Maroon purple. **First size**	2.00	15.00
Second size	1.70	12.00
AVE MARIA. Medium blue	2.30	18.00
BAGDAD. Smoky old rose	2.30	18.00
BERTY SNOW. Lavender pink	1.70	12.00
BETTY NUTHALL. Pink suffused orange	1.70	12.00
Second size	1.35	9.00
BIJOU. (Prim.) Ruffled pinkish apricot	2.00	15.00
BLOOMINGTON BEAUTY. Maroon purple	2.50	20.00
BLUE ROYALE. True violet-blue. Good tall, strong grower	2.30	18.00
BOB WHITE. Pure white	2.50	20.00
BREAK O' DAY. Soft La France pink	1.50	10.00
BUTTER BOY. Yellow (Prim.)	1.50	10.00
BYRON L. SMITH. Lavender pink. **First size**	1.90	14.00
Second size	1.50	10.00
CACTUS ROSE. Rich velvety purplish red	2.50	20.00
CADILLAC. Tall spike, flowers well placed and of good form. Color golden apricot fading to apricot-rose toward edge of petals, no throat markings, stamens and pistils creamy white	2.10	16.00
CARUSO. Orange red	1.80	13.00
CHARLES DICKENS. Violet purple. **First size.**	2.00	15.00
Second size	1.70	12.00
CHICAGO, WHITE. First size	1.70	12.00
Second size	1.50	10.00
COMMANDER KOEHL. Dark scarlet. **First size.**	2.50	20.00
Second size	2.10	16.00
COPPERSHEEN. (Prim.) Orange, bronze	1.80	13.00
CRIMSON GLOW. Large flower. **First size**	1.50	10.00
Second size	1.30	8.50
DEARBORN. Immense florets of deep flesh color, light coral reflex, lip amber yellow, blending to flesh, marked with a feathering of deep crimson.	2.00	15.00

	100	1000
DEBONAIR. La France pink	$2.30	$18.00
DIANA. Blood red, very large	1.90	14.00
DOROTHY VAUGHAN. Ruffled apple-blossom pink	2.10	16.00
DR. F. E. BENNETT. Gigantic red. **First size**	1.90	14 00
Second size	1.60	11.00
DR. MOODY. Light lavender	2.00	15.00
DUNA. Soft light pink	2.10	16.00
EARLY DUNE. Salmon-orange	2.50	20.00
EDITH MASON. Pure pink	2.00	15.00
EDITH ROBSON. Light salmon-rose, red blotch.	2.30	18.00
E. J. SHAYLOR. Ruffled rose. **First size**	1.60	11.00
Second size	1.35	9.00
ELIZABETH TABOR. Delicate rosy-pink on white ground	1.70	12.00
EMILE AUBRUN. Coppery bronze	2.00	15.00
FLAMING SWORD. Scarlet, early	1.50	10.00
GIANT NYMPH. Large La France pink. **First size.**	1.60	11.00
Second size	1.35	9.00
GLORIANA. Golden salmon, yellow throat	1.70	12.00
GOLD EAGLE. Tall, deep yellow	1.60	11.00
GOLDEN DREAM. Clear, deep yellow	1.60	11.00
GOLDEN MEASURE. Best yellow. **First size**	1.80	13.00
HALLEY. Salmon pink. **First size**	1.60	11.00
Second size	1.30	8.50
HEINRICH KANZLEITER. Dark red	2.00	15.00
HOPI. Bright maroon, dark blotch	3.00	25.00
IMPROVED SCHWABEN. Light yellow	1.70	12.00
IONIA. Apricot pink	1.70	12.00
JOERG'S WHITE. Cream-white	2.20	17.00
KALAMAZOO. Violet purple. **First size**	2 00	15.00
Second size	1.70	12.00
LA PALOMA. Orange Primulinus	1.90	14.00
LANSING. White overlaid yellow	1.60	11.00
LAVENDER DELIGHT. Lavender	2.50	20.00
LE MARECHAL FOCH. Light pink. **First size**	1.50	10.00
Second size	1.30	8.50
LOS ANGELES. (Prim.) Bright pink. **First size**	1.35	9.00
Second size	1.10	7.50
LOUISE. Pure lavender	1.80	13.00
LUSTRE. Orange vermilion	2.10	16.00
MAID OF ORLEANS. Milky white, cream throat	2.50	20.00
Second size	2.10	16.00

EDITH MASON.

MAMMOTH WHITE.

SEAFOAM.

PINK MEDALLION.

PICARDY.

GLADIOLI—Continued	100	1000
MAMMOTH WHITE. Pure white	$2.00	$15.00
Second size	1.70	12.00
MARGARET FULTON. Rose-salmon	2.20	17.00
MARMORA. Smoky gray	1.90	14.00
MARY SHARY. Clear soft primrose yellow with a deeper yellow on throat	2.50	20.00
MILDRED LOUISE. Pure salmon-pink	2.10	16.00
MINUET. Large, light lavender. **First size**	2.20	17.00
Second size	1.90	14.00
MISS BLOOMINGTON. Deep lemon-yellow	2.50	20.00
MOTHER MACHREE. Smoky lavender	2.50	20.00
MRS. LEON DOUGLAS. Immense rose. **First size**	1.70	12.00
Second size	1.35	9.00
MRS. F. L. KARCHER. Light salmon blending to orange	2.20	17.00
MRS. FRANCIS KING. Vermilion. **First size**	1.60	11.00
Second size	1.35	9.00
MRS. T. J. KNUDSON. Clear light violet, shading deeper towards the outer edge of petals. The throat has a deep violet plume, tipped or capped by a characteristic bright creamy spire, giving it a very striking effect	2.30	18.00
MRS. FRANK PENDLETON. Pink. **First size**	1.70	12.00
Second size	1.35	9.00
MRS. F. C. PETERS. Rose-lilac	1.90	14.00
MRS. P. W. SISSON. Immense ruffled pink	1.80	13.00
NANCY HANKS. Rich apricot	1.50	10.00
ODIN. Deep salmon pink. **First size**	1.70	12.00
Second size	1.35	9.00
ORANGE QUEEN. (Prim.) Large, orange	1.50	10.00
Second size	1.25	8.00
PALM SPRINGS. Soft orange-buff	2.10	16.00
PEACE. White, blotched purple. **First size**	1.50	10.00
Second size	1.25	8.00
PELEGRINA. Deep blue	2.20	17.00
PFITZER'S TRIUMPH. Salmon red	2.00	15.00
PICARDY. Delicate apricot pink. **First size**	1.70	12.00
Second size	1.35	9.00
PINK MEDALLION. (Prim.) True pink	1.70	12.00
PINKPRIM. (Prim.) Salmon	1.60	11.00
PRIDE OF WANAKAH. Lavender rose		
First size	1.70	12.00
Second size	1.35	9.00
RED LORY. Large red, purplish blotch	2.50	20.00
RED PHIPPS. Really a pink overlaid scarlet	2.30	18.00
ROSA RAISA. Color, lower 3 petals blotched with violet, upper petals pale mauve shading to violet edge. Stamens violet	2.30	18.00

	100	1000
ROYAL OAK. Primrose yellow	$3.00	$25.00
SALBACH'S ORCHID. Pink-orchid shade	2.50	20.00
SCARLANO. Orange red	1.90	14.00
SCHWABEN. Canary yellow. **First size**	1.70	12.00
Second size	1.35	9.00
SCHWABEN GIRL. Best pure pink	3.00	25.00
SEAFOAM. (Prim.) White. **First size**	2.00	15.00
Second size	1.50	10.00
SENORITA. Very clear wide open orange, shading to salmon	2.00	15.00
SOUTHERN CROSS. Deep red	4.00	35.00
SOUVENIR. (Prim.) Daffodil yellow	1.50	10.00
Second size	1.25	8.00
SOVEREIGN. Large deep purple	1.90	14.00
SPIRIT OF ST. LOUIS. Orange Saffron	1.70	12.00
STAR OF BETHLEHEM. Pure white	4.50	40.00
TAWNY. Smokey	2.50	20.00
VAUGHAN'S WHITE. Best white. **First size**	2.30	18.00
Second size	2.00	15.00
VIRGINIA. Scarlet. **First size.** } Same as	1.70	12.00
Second size } Scarlet Princeps	1.35	9.00
WAR. Deep blood-red	2.00	15.00
WASAGA. Clear apricot, buff throat	1.90	14.00
W. H. PHIPPS. La France pink. **First size**	1.80	13.00
Second size	1.50	10.00
WILBRINK. Lavender pink. **First size**	1.70	12.00
Second size	1.35	9.00
WINDSOR. Giant light pink	1.70	12.00
WURTEMBURGIA. Dazzling large light red, cream throat	2.50	20.00
YELLOWSTONE (Prim.) Tall clear yellow	1.90	14.00
STANDARD MIXED. Not a field grown mixture, but blended thoroughly after harvest. All good, standard sorts. **First size**	1.35	9.00
Second size	1.20	7.50

EXTRA FINE MIXTURE

	100	1000
A mixture of fine, popular, higher priced varieties, containing a fine range of colors. **First size**	$ 1.70	$12.00
Second size	1.35	9.00

DE LUXE MIXTURE

Put up 100 to the bag, to assure a splendid mixture. All high class, superfine varieties. **First size**	2.30	18.00
Second size	1.80	13.00
PRIMULINUS HYBRIDS. Mixed	1.60	11.00

Perennial Plant Novelties

We list and describe below plants of perennials which are much in demand, including most recent introductions. All in strong pot plants or one-year field roots except as noted. Less than 5 at double the rate per 100; 5 or more at the 10 rate; 25 or more at the 100 rate.

ANCHUSA

Myosotidiflora (The Forget-me-not Anchusa). 1 ft. April-May. A lovely spring perennial which blossoms with the late tulips, forming a mound of attractive foliage almost hidden by pale blue forget-me-not blossoms held above the foliage on straight stems. 10, $1.25; 100, $10.00.

AQUILEGIA

Longissima. A beautiful American species having spurs 4 inches in length on flowers of a delicate pale yellow. One of the most attractive Aquilegias. 10, $3.00; 100, $25.00.

TRUE PINK HARDY ASTER

Harrington's Pink. Large flowers of luminous true pink, first of this color, on bushy plant. 10, $2.25; 100, $18.00.

Skylands Queen. 3 ft. Pale blue. Largest flowers and heaviest bloomer of all. 10, $1.50; 100, $12.00.

Hybridus Luteus (Solidago). 2½ ft. Myriads of small pale yellow blooms. 10, $1.85; 100, $15.00.

BUDDLEYA

Charming. Light rose pink. Fast grower. 2-inch pots, 10, $2.15; 100, $18.00. 3-inch pots, 10, $3.75; 100, $30.00.

Fortune. **Patented.** Pure lilac, excellent cutflower. 2½-inch pots, 10, $3.15; 100, $25.00.

Hartwegi. Bright lilac of good growth. Profuse bloomer 2¼-inch pots, 10, $1.25; 100, $10.00.

DELPHINIUM

Pacific Hybrids. Immense flowers tightly set on strong, whippy stems, the best strain so far produced, for either cut flowers or garden display. Blue tones, 2¼-inch pots, 10, $1.50; 100, $12.00. White, 2¼-inch pots, 10, $1.50; 100, $12.00.

ERIGERON

Amos Perry (Rare Blue Daisy). Compact growth. Large sky blue daisies on 18-inch stems all summer. 10, $1.50; 100, $12.00.

EUPATORIUM (Hardy Ageratum)

Coelestinum. 2 ft. Sept.-Oct. One of the few outstanding fall perennials. Grows into large bushes with abundant lavender flower heads like Ageratum. Excellent cut flower. 10, $1.00; 100, $8.00.

GAILLARDIA

Sun God. Pure chamois yellow, blossoms from June until frost. Erect growth, stiff stems and extra large flowers. Wonderful cut flower. 10, $1.85; 100, $8.00.

GYPSOPHILA PANICULATA

Bristol Fairy (Double Baby's Breath). Early double pure white large flowering perennial Baby's Breath. It is a new form, blooming much earlier than Paniculata fl. pl. and producing a second crop of spikes after the first have been cut. 3-inch, 10, $1.50; 100, $12.50. Field grown, 10, $2.20; 100, $17.50.

STRAWBERRY Baron Solemacher.

HELIANTHUS

Helianthus Multiflorus Plenus. Double golden yellow Chrysanthemum-like flowers. Aug.-Sept. 4 ft. tall. 10, $1.25; 100, $10.00.

Heliopsis Double Lemoine. Large semi-double orange yellow flowers, from July till frost. 10, $1.25 100, $10.00.

LIATRIS

September Glory. New late blooming variety. Full rosy purple spikes. 3-4 ft. tall. 10, $2.50; 100, $20.

NIEREMBERGIA

Hippomanica. Grows not more than 4 to 6 inches high, forms a cushion of elegant light green foliage from which emerge corymbs of salver shaped flowers of a delicate lavender hue. 1 to 1¼ inches across adorned with a clear yellow eye. 2-inch pots, 10, 80c; 100, $6.00. 3-inch pots, 10, $1.50; 100, $12.00.

PRIMULA

Acaulis Lilacina, Fl. Pl. (Lavender Beauty). A fine new double variety, similar in habits and character to Primula Veris, with double lilac blooms. 10, $2.25; 100, $18.00.

Auricula. 6 in. Flowers in early spring in colors of yellow, brown and red. 10, $1.85; 100, $15.00.

SALVIA

Pitcherii Meadow Sage. 3½ ft. Sept.-Oct. Deep blue. A great improvement over Azurea, blooms three weeks later. 10, $1.25; 100, $10.00.

STATICE (Sea Lavender)

Latifolia. 2 ft. Dense branching plumes of deep blue flowers. 10, 85c; 100, $7.00.

STRAWBERRY

Baron Solemacher. Greatly superior to the Rugen variety, which we introduced four years ago, this wonderful novelty has the largest berries obtainable from seed in this strain. The plant does not have runners; flowers within eight weeks after sowing and produces great quantities of fruit throughout the season. Flavor and aroma make it ideal for pots or garden. 2¼-inch plants, 10, $1.00; 100, $8.00. Field grown, 10, $3.00; 100, $25.00.

TRADESCANTIA (European Spiderwort)

Heavenly Blue. Dark blue. 10, $1.50; 100, $12.00.

Leonora. Pale blue. Plants, each, 35c; 10, $1.50; 100, $12.00.

TROLLIUS (Globe Flower)

New Hybrids. 2-3 ft. May-July. Grown from selected seed of the best named varieties. Many give second bloom in autumn. 10, $1.25; 100, $10.00.

VERONICA (Speedwell)

Longifolia Subsessilis. 2½ ft. Spikes of light blue flowers, glaucous blue foliage. July-Sept. 10, $1.50; 100, $12.00.

VINCA Minor (Grave Myrtle)

Bowles Variety. A new European form, larger and glossier leaves and flowers. The plant stays in bloom much longer and the flowers are a charming intense shade of Periwinkle blue. 10, $1.25; 100, $10.00.

VIOLET

Rosina. New. Bears abundance of fragrant, rose pink flowers. It blooms freely in autumn, often all October. Extremely hardy and a gem for the shady corner. 10, $1.50; 100, $12.00.

PHLOX SUBULATA

Nivalis Sylvestris. New Giant Hardy Thrift. Low spreading, grey green foliage, covered in early spring with rosy red flowers, 1-inch diameter. 10, $3.00; 100, $25.00.

Subulata Pink Cushion. New. More compact clearer pink than Rosea. 10, $1.50; 100, $12.00.

GENERAL LIST OF PERENNIAL PLANTS

PLANTS FOR ROCK GARDENS

The sign X is placed after varieties especially suited for use in rock gardens. Star (★) designates varieties of exceptional merit.

	10	100
ACHILLEA		
Crimson Beauty. Dark rose pink. 2 ft. All summer	$1.00	$ 8.00
Perry's Variety. Double white. 2 ft. All summer	1.00	8.00
The different varieties of Achillea are much used for cut flowers.		
AJUGA Genevensis. X. Blue. 5 in. May	1.25	10.00
Reptans Rubra. X. Blue. 5 in. May	1.25	10.00
ALYSSUM Saxatile Compactum. X. Yellow. 1 ft. May	1.15	9.00
ANCHUSA Italica Dropmore. Blue. 4 ft. June-Sept.	1.25	10.00
★ **Myosotidiflora.** X. Blue. 1 ft. May-June	1.25	10.00
ANEMONE Japonica.		
Alba. Single white	1.25	10.00
Hupehensis. Rose pink	1.25	10.00
Queen Charlotte. La France pink, semi-double	1.50	12.00
September Charm. An earlier Hupehensis	1.50	12.00
Whirlwind. Excellent double white	1.50	12.00
ANTHEMIS Perry's Variety. Yellow. 2 ft. All summer	1.25	10.00
AQUILEGIA (Columbine).		
Coerulea. Blue and white. 2½ ft. June	1.25	10.00
Crimson Star. Coppery crimson, long spurs, 2½ ft. June	1.85	15.00
Dobbie's Imperial Hybrids. Mixed. 2½ ft. June	1.25	10.00
★ **Longissima.** Long spurred yellow. 2½ ft. June	3.00	25.00
Mrs. Scott Elliott. Long-spurred mixture. 2½ ft. June	1.25	10.00
Rosea. Rose-pink. 2½ ft. June	1.25	10.00
ARABIS Alpina. X. (Rockcress.) White. 6 in. Apr.-June	1.00	8.00
ARMERIA Bee's Ruby. X. Red. 10 in. June-July	1.25	10.00
ARTEMISIA Lactiflora. White. 4 ft. Aug.-Sept.	1.00	8.00
Silver King. Silvery foliage. 3 ft. All summer. Highly desirable as a cut flower and also for drying	1.00	8.00
ASCLEPIAS Tuberosa. Orange. 2 ft. July-Aug.	$1.25	$10.00
ASPARAGUS Verticillatus. Fine foliage plant. 12 ft.	.75	6.00
ASTER		
Alpinus. X. Blue. 9 in. May-June	1.25	10.00
Amethyst. Deep blue. 3 ft. September	1.50	12.00
Charles Wilson. New. Best red. 2½ ft. September	1.50	12.00
Climax. Blue. 4 ft.-5 ft. Sept.-Oct. One of the best fall cut flowers	1.25	10.00
★ **Harrington's Pink.** Salmon pink. 3 ft. Sept.	2.25	18.00
★ **Hybridus Luteus (Solidago).** Small yellow. 2 ft. Sept.	1.85	15.00
Red Rover. New. Rosy red. 3 ft. Sept.	1.85	15.00
★ **Skylands Queen. New.** Sky blue. 2½ ft. Sept.	1.50	12.00
Snowdrift. New. White. 3 ft. Sept.	1.25	10.00
Subcoeruleus. X. Mauve. 1 ft. June	1.25	10.00
Wartburg Star. X. Lavender blue. 6 in. May	1.85	15.00
New Dwarf Varieties		
Countess of Dudley. Clear pink. 12 in. Sept.	1.25	10.00
Marjorie. Rose pink. 8 in. Sept.	1.25	10.00
Nancy. Flesh pink. 9 in. Sept.	1.25	10.00
Snowsprite. X. White. 6 in. Sept.	1.25	10.00
Victor. Lavender blue. 9 in. Sept.	1.25	10.00
AUBRIETIA Hybrids. X. (Wall Cress). Shades of lavender. 6 in. April-May	1.25	10.00
BAPTISIA Australis. Blue. 3 ft. June-July. 2 year clumps	.85	7.00
3 year clumps	1.25	10.00
BUDDLEIA ★ **Charming.** New pink variety, fast growing, large blossoms 2 in. pot plants	2.15	18.00
3 in. pot plants	3.75	30.00
★ **Fortune.** Pure Lilac Buddleia. A patented variety of great merit. Large rose pink blooms. July to Sept. 2¼ in. pot plants	3.15	25.00

DICTAMNUS Fraxinella (Gas Plant)

An outstanding novelty, a fringed semi-double Shasta Daisy.

CHRYSANTHEMUM Chiffon

DICENTRA (Bleeding Heart)

Hardy Perennial Plants—(Continued)

BUDDLEIA—Continued.	10	100
★**Hartwegi.** Bright lilac. Fine cut flower. 2¼-in. pot plants	$1.25	$10.00
Ile de France. (New). Dark purple. 4 ft. July-Sept. This new Buddleia will prove of great value as a summer cut-flower for bouquets and funeral work. 2¼-in. pot plants	1.25	10.00
3-in. plants	1.85	15.00
CALYSTEGIA **Pubescens fl. pl.** ×. Double lilac-pink. All summer	1.85	15.00
CAMPANULA **Calycanthema** (Canterbury Bells, Cup and Saucer). **Blue.** 3 ft. July	1.00	8.00
Calycanthema. Pink. 3 ft. July	1.00	8.00
White. 3 ft. July	1.00	8.00
Carpatica. Blue. ×. 9 in. July-Aug.	1.00	8.00
Alba. ×. White. 9 in. July-Aug.	1.00	8.00
Glomerata Superba. Purple, 2 ft. July-August	1.25	10.00
Medium (Canterbury Bells). **Blue.** 3 in. June-July	1.00	8.00
Mixed. 3 ft. June-July	1.00	8.00
Rose. 3 ft. June-July	1.00	8.00
White. 3 ft. June-July	1.00	8.00
Persicifolia. Blue. 2 ft. June-July	1.00	8.00
Alba. White. 2 ft. June-July	1.00	8.00
Telham Beauty. Blue. 2 ft. June	1.25	10.00
Pyramidalis. Lavender blue. 4 ft. July-Sept.	1.25	10.00
Pyramidalis Mixed. 4 ft. July-Sept.	1.25	10.00
CARNATION **Grenadin.** 1 ft. July. Pink, red and white	1.50	12.00
CASSIA **Marylandica.** Yellow. 4 ft. Aug.	1.00	8.00
CENTAUREA **Macrocephala.** Yellow. 3 ft. June	1.25	10.00
CENTAUREA **Montana.** Blue. 2 ft. June-Sept.	1.00	8.00
CHIVES. Herb for seasoning	1.00	8.00
CHRYSANTHEMUM		
Chiffon (New). Fringed and lacinated semi-double white flowers on stout stems over a long blooming period. An outstanding novelty	1.85	15.00
Conqueror Shasta Daisy. White. Makes good cut flower. 3 ft. All summer	1.00	8.00
Maximum (Shasta Daisy). White. 2 ft. July-Aug.	1.00	8.00
Supreme. Large white. One of the best. 2 ft. July-Aug.	1.25	10.00
Uliginosum. White. 3 ft. Sept.	1.25	10.00
CHRYSOBOLTONIA **Pulcherrima.** New hybrid daisy. Pale pink. 1½ ft. Sept.	1.85	15.00
CIMICIFUGA **Racemosa.** White. 4 ft. July-Aug.	1.25	10.00
CLEMATIS.		
Recta Grandiflora. White. Large flowers. 2 ft. 2 year clumps	1.25	10.00
CONVALLARIA **MAJALIS.** Lily of the Valley. Field grown.	1.85	15.00
COREOPSIS **Lanceolata Grandiflora.** Yellow. 2 ft.	.85	7.00
Golden Giant. New variety with extra large flowers. In bloom all summer	1.50	12.00
Grandiflora Fl. Pl. Double, from seed. 2 ft. All summer	1.25	10.00
DAISY ✶**Hartje & Elder.** Early. Blooms for Decoration Day. Valuable cut flower	1.00	8.00
DEPHINIUM **Belladonna Improved.** Light blue. All summer	1.00	8.00
Bellamosum. Medium blue. 3 ft. All summer	1.00	8.00
Backmore & Langdon Hybrid. Mixture	1.50	12.00
Formosum. Dark blue, white center. 4 ft. All summer	1.00	8.00
Indigo. Darkest blue. 4 ft.	1.00	8.00
✶**Pacific Hybrids.** (Vetterle and Reinelt.) World's best Delphinium. **Blue Shades.** 5 ft. All summer. 2¼-in. pot plants	1.50	12.00
✶ **White.** 2¼-in. pot plants	1.50	12.00
Vaughan's Gold Medal Hybrids. Mixed colors. 4 ft.	1.25	10.00
Wrexham Hollyhock Flowered. Choice hybrid mixture. 5 ft.	1.85	15.00
DIANTHUS		
Atro-coccineus Fl. Pl. ×. Deep scarlet. 1 ft. All summer	1.00	8.00

DIANTHUS—Continued	10	100
Barbatus (Sweet William) Albus. White. 1 ft. June-July	$1.00	$ 8.00
Scarlet Beauty. Vivid scarlet. 1 ft. June-July	1.00	8.00
Johnsons' Giant Mixed. 1 ft. June-July	1.00	8.00
Pink Beauty. 1 ft. June-July	1.15	9.00
Vaughan's Special Mixed	.85	7.00
Beatrix. ×. Salmon pink. Double. 10 in. All summer	1.50	12.00
Crimson King. Crimson. Very double. 2 ft. All summer	1.50	12.00
Deltoides (Maiden Pink). ×. Pale pink. 8 in. June	1.00	8.00
Fuerst Bismarck. ×. Double. Rose pink. 10 in.	1.25	10.00
Plumaris Allwoodi Alpinus. ×. Mixed colors. 6 in. July	1.25	10.00
Caesius. × Rose. 4 in. June-July	1.00	8.00
Cyclops. × Dark rose. 9 in. June-July	1.00	8.00
Highland Rose. ×. Deep rose. 1 ft. June-August	1.25	10.00
Spring Beauty. ×. Double Grass Pink. 12 in. July	1.25	10.00
Vaughan's Special Mixture. ×. Plumaris types	1.00	8.00
Winteri. ×. Mixed. 9 in. June-August	1.25	10.00
DICTAMNUS **Fraxinella.** Deep pink. 3 ft. June-July	1.25	10.00
Fraxinella Albus. White. 3 ft. June-July	1.25	10.00
DICENTRA **Spectabilis.** (Bleeding Heart). Pink. 1½ ft.	2.50	20.00
DIGITALIS **Gloxiniaeflora** (Foxglove) **Pink.** 3 ft. June-July	1.00	8.00
Purple. 3 ft. June-July	1.00	8.00
White. 3 ft. June-July	1.00	8.00
Grandiflora Ambigua. Yellow. 2 ft. June	1.00	8.00
Shirley Hybrids. Mixed colors. 5 ft. June-July	1.00	8.00
DORONICUM **Caucasicum.** Yellow. 2 ft. May-June	1.85	15.00
ECHINACEA **Purpurea.** (Coneflower.) Purple. Useful cut flower. 4 ft. July-August	1.00	8.00
ECHINOPS **Ritro.** Steel-blue. 3 ft. July-Aug.	1.20	9.00
ERIGERON ★**Amos Perry.** ×. Large blue daisy. 1 ft. All summer	1.50	12.00
Speciosus. Lavender blue. 1½ ft. July	1.25	10.00
ERYNGIUM **Amethystinum.** Steel blue. 3 ft. July-Aug.	1.25	10.00
EUPATORIUM ✶**Coelestinum.** Blue. 2 ft. Aug.-Oct.	1.00	8.00
EUPHORBIA **Polychroma.** Yellow. 1 ft. April	1.25	10.00
FUNKIA **Cordata Aurea Variegata.** (New). Lilac. 1½ ft. Aug.	1.25	10.00
Coerulea Lanceolata. (Plantain Lily.) Mauve. 1½ ft. July	1.00	8.00
Japonica Aurea Marginata. ×	1.85	15.00
Subcordata Grandiflora. ×. White. 1½ ft. August	1.85	15.00
Undulata Variegata. × White. 1½ ft. August	1.25	10.00
GAILLARDIA **Bremen.** Coppery scarlet tipped yellow. 2 ft. All summer	1.15	9.00
Burgundy. Wine-red. 2 ft. All summer	1.25	10.00
New Hybrids. Mixed colors. 2 ft. All summer	.85	7.00
✶**Sun God. New.** Large chamois yellow blooms, basal branching, 2 ft. July until frost. Valuable cut flower	1.85	15.00
Tangerine. Orange. 2 ft. All summer	1.25	10.00
Torchlight. Yellow, maroon center. 2 ft. All summer	1.15	9.00
GERBERA **Hybrids.** Mixed pastel shades. 18 in. Aug.-Sept.	3.00	25.00
GEUM, **Lady Stratheden.** ×. Golden. 1½ ft. All summer	1.25	10.00
Mrs. J. Bradshaw. ×. Orange-red. 1½ ft. All summer	1.25	10.00
Orange Queen. ×. Scarlet orange. 1½ ft. All summer	1.25	10.00
GRASS **Eulalia Japonica Variegata.** 3 ft.	1.00	8.00
GYPSOPHILA ★**Bristol Fairy.** Double white. 3 ft. July-Sept. 3 in pots	1.50	12.50
Field grown	2.20	17.50
Useful cut flower, also for drying.		
✶**Bodgeri.** New; continuous flowering, double white. 18 in.	1.85	15.00
Oldhamiana. Pink. Good for cutting	1.25	10.00
Pacifica. Single pink. 4 ft. July	1.25	10.00
Paniculata. White. 3 ft. June-July	.85	7.00
Repens. ×. White. 4 in. All summer	1.00	8.00
✶**Rosenschleier (Rosy Veil).** Double pink. 2 ft. All summer	1.85	15.00
HARDY FERNS. **Adiantum Pedatum.** (Maidenhair Fern.) 1 ft.	1.50	12.00
Aspidium Spinulosum. (Spinulose Wood Fern.) 1½ ft.-2 ft.	1.50	12.00
Asplenium Filix-Femina. (Lady Fern.) 2 ft-3 ft	1.50	12.00
Onoclea Struthiopteris. (Ostrich Fern.) 3 ft.-4 ft.	1.50	12.00
Osmunda Claytoniana. 2 ft.-3 ft.	1.50	12.00
HELENIUM **Autumnale Rubrum.** Brownish red. 3 ft.	1.00	8.00
Moerheim Beauty. New. Early blooming bronze. 2½ ft. July-August	2.50	20.00
Riverton Beauty. Yellow. Useful cut flower. 3 ft. June-July	1.25	10.00

Less than five, double the rate per hundred. All varieties followed by × are suitable for rock gardens.

Hardy Perennial Plants—(Continued)

	10	100
HELLEBORUS Niger. ✕. (Christmas Rose.) White. 10 in. Dec.-Feb.	$6.00	$45.00
HELIANTHUS Multiflorus Plenus. (Dahlia flowered sunflower.)		
★ Deep yellow. 4 ft. Aug.-Sept. Extremely valuable to florists because it produces ideal cut flowers during a time when yellow flowers are scarce. Resembles a large disbudded pompon chrysanthemum on a 3-foot stem	1.25	10.00
HELIOPSIS★ Double Lemoine. Orange. 2½ ft. All summer. Excellent cut flower	1.25	10.00
HEMEROCALLIS Aureole. Deep orange-yellow with bronze reverse. 2 ft. May-June	.75	5.00
Dr. Regel. Rich orange-yellow. 1½ ft. May-June	1.00	8.00
Fulva Kwanso. Fl. Pl. Deep orange. 3 ft. July-Aug.	.75	5.00
Sovereign. Chrome yellow. Fragrant. 2 ft. May-June	.75	5.00
Thunbergi. Golden yellow. 3 ft. July	1.00	8.00
NEW HYBRID HEMEROCALLIS		
Bay State. Deep yellow. Late June Each, $0.30	2.50	20.00
Dover. Large golden yellow. May-June Each, .35	3.00	25.00
Goldeni. Deep golden yellow. June-July Each, .30	2.50	20.00
Gypsy. Deep orange. July Each, .35	3.00	25.00
Hyperion. Vigorous citron-yellow. July-Aug. Each, .50	4.25	35.00
J. A. Crawford. Large clear gold. June-July Each, .30	2.50	20.00
Lemona. Clear canary yellow. June-July Each, .35	3.00	25.00
Margaret Perry. Scarlet orange, suffused yellow. July Each, 1.00	8.00	70.00
Mrs. W. H. Wyman. Clear gold. Profuse bloomer. July-Aug. Each, .35	3.00	25.00
Mikado. Orange, maroon blotches. June Each, .90	8.00	70.00
Ophir. Tall golden yellow. June-July Each, .45	3.75	30.00
Sir Michael Foster. Large clear gold. June-July Each, .35	3.00	25.00
The Gem. Medium golden flowers. June-July Each, .35	3.00	25.00
Vesta. Large deep orange. July Each, .85	7.50	60.00
HEUCHERA Brizoides Gracillima. ✕. Flesh pink. 1½ ft.	1.50	12.00
New Hybrids. ✕. Pink and red. 1½ ft. May-July	1.50	12.00
Pluie De Feu. (Rain of Fire.) Deep coral red. 18 in. All summer	1.85	15.00
Sanguinea. ✕. Coral red. 1½ ft. May-July	1.25	10.00
HIBISCUS. Red, white, or pink. 5 ft. July-Aug. Each	1.00	8.00
2 year clumps	1.25	10.00
HOLLYHOCK. Double white; double pink; double salmon; double yellow; double maroon and double red or mixed	1.00	8.00
HOSTA—See Funkia.		
HYPERICUM★ Moserianum. ✕. Yellow. 1 ft. All summer.	1.25	10.00
IBERIS Sempervirens. ✕. White. 8 in. May-June	1.25	10.00
LAVENDER Vera. Lavender. 1½ ft. July-Aug.	1.50	12.00
LIATRIS Pycnostachya. Purple. 5 ft. Sept.	1.25	10.00
★ **September Glory.** New late flowering strain. Erect light purple, blooming September	2.50	20.00
Spicata. Purple. 3 ft. Sept.	1.25	10.00
LINUM Perenne. ✕. Blue. 10 in. All summer	1.25	10.00
LOBELIA Cardinalis. Scarlet. 3 ft. July-Aug.	1.00	8.00
LUPINUS Blue. 3 ft. June-Aug.	1.25	10.00
Downers Hybrids. Mixed colors. 3 ft. June-Aug.	1.50	12.00
LYCHNIS Chalcedonica. Scarlet. 2 ft. July	1.00	8.00
Viscaria Splendens. Bright rose. 1½ ft. June	1.00	8.00
LYTHRUM Rose Queen. Pink. 3 ft. July-Aug. Desirable cut flower	.85	7.00
MATRICARIA★ Capensis Fl. Pl. (Double Feverfew.) White. Good for cut flowers. 1 ft. June-Aug.	1.00	8.00
MERTENSIA Virginica. ✕. Purplish blue. 1½ ft. Apr.-May.	.85	7.00
MINT. Useful herb	1.00	8.00
MONARDA Didyma. Red. 3 ft. July-Aug.	1.25	10.00
MYOSOTIS Palustris. ✕. (Forget-me-not). Blue. 5 in.	1.00	8.00
NEPETA Mussini. ✕. Blue. 2 in. June-July	1.15	9.00
NIEREMBERGIA Hippomanica.★ ✕. Cup shaped blooms, lavender blue. All summer. 2-in. pots	.80	6.00
3-in. pots	1.50	12.00
PACHYSANDRA Terminalis. ✕	1.00	8.00
Rooted runners of Paschysandra, per 1000, $65.00.		
PAPAVER Beauty of Livermore. Crimson. 3 ft. May-June	1.85	15.00
Jeannie Mawson. Geranium pink. 2½ ft. June	1.85	15.00
Joyce. Cherry red. 4 ft. June	1.85	15.00
Lulu A. Neeley. Ox-blood red. 3 fc. June	1.85	15.00
Mrs. Perry. Orange-apricot. 3 ft. June	1.25	10.00
Olympia. Earliest of all. Double orange scarlet. 2½ ft. May	1.50	12.00
Royal Scarlet. Old-fashioned scarlet. 3 ft. June	1.15	9.00
Wurtembergia. Rose-red. 4 ft. June	1.85	15.00
PHYSALIS Franchetti. (Chinese Lantern.) Orange. 2 ft. Oct.	1.00	8.00
PHYSOSTEGIA Grandiflora Vivid. ✕. Bright pink. 2 ft.	1.25	10.00
PLATYCODON Grandiflorum. (Balloon Flower.) Blue. 2 ft.	.85	7.00
Grandiflorum Album. White. 2 ft	.85	7.00
PLUMBAGO Larpentae. ✕ Blue. 6 in.	1.25	10.00
POLEMONIUM Coeruleum. ✕. Deep blue. 1½ ft. June-July	1.00	8.00
POTERIUM Obtusum. (Japanese Burnet). Catkin-like crimson flowers. 2 ft. July	2.50	20.00
PRIMULA. (Primrose.)		
★**Acaulis Double** ✕. **Lavender. Beauty.** 6 in. April-May	2.25	18.00
★**Auricula.** ✕. Mixed colors. 6 in. April-May	1.85	15.00
Veris. ✕. Mixed colors. 6 in. April-May	1.50	12.00
Veris Kleynii. New. Large golden yellow. 8 in. Apr.-May	1.50	12.00
Veris Munstead Strain. Pale yellow shades. 8 in. April-May.	1.50	12.00
PYRETHRUM Roseum. (Painted Daisy.)		
Single. Mixed colors. 2 ft. May-June	.85	7.00
James Kelway. Red. 2 ft. May-June	1.25	10.00
Uliginosum. White. 3 ft. Aug.-Sept.	1.00	8.00
RANUNCULUS Acris. Double yellow. 6 in. May-July	1.25	10.00
ROSA Rouletti (Miniature Rose.) ✕. Rose-pink. 6 in.	1.85	15.00
Tom Thumb. ✕. **Patented.** World's smallest red rose	4.50	35.00
RUDBECKIA Laciniata. Fl. Pl. (Golden Glow.) Yellow. 6 ft. Aug.	1.00	8.00
SALVIA Azurea Grandiflora. Blue. 4 ft. Aug.-Sept.	$1.00	$ 8.00
Officinalis. Sage for seasoning	1.25	10.00
★**Pitcheri.** Deep blue. 4 ft. Aug.-Sept.	1.25	10.00
SAPONARIA Ocymoides. ✕. Rose. 6 in. June-Aug.	1.25	10.00
SCABIOSA Caucasica. Lavender blue. 2 ft. All summer	1.25	10.00
House's Hybrids. Lavender blue shades. 2 ft. All summer	1.50	12.00
SEDUM. (Stone Crop.)		
Acre. ✕. (Golden Moss) Yellow. 2 in. May-July	.75	6.00
Album. ✕. White. 2 in. May-July	.85	7.00
Sarmentosum. ✕. Yellow. 3 in. July	.75	6.00
Sieboldi. ✕. Pink. 4 in. Aug.-Oct.	1.25	10.00
Spathulatum Purpureum. Red foliage. 1½ ft. Aug.-Sept.	1.25	10.00
Spectabile. Pink. 1½ ft. Aug.-Sept.	1.00	8.00
Spurium. ✕. Pink flowers, red foliage. 6 inch. July-August	.75	6.00
SEMPERVIVUM. (Hen and Chickens.)		
Globiferum. ✕. Yellow. 1 ft. June	1.00	8.00
Tectorum. ✕. Light red. 1 ft. June	1.00	8.00
SHASTA Daisy. See Chrysanthemum maximum.		
SIDALCEA Rosy Gem. Pink. 1½ ft. All summer	1.25	10.00
SILENE Schafta. ✕. Bright pink. 6 in. July	1.00	8.00
SPIRAEA Filipendula Hexapetala. ✕. White. 1 ft. June-July	1.00	8.00
STATICE★ Latifolia. (Sea Lavender.) Blue. 2 ft. Aug.-Sept.	.85	7.00
3 year clumps	1.15	9.00
STOKESIA Cyanea. ✕. (Cornflower Aster.) Sky-blue. Makes good cut flowers. 1 ft. Aug.-Sept.	1.00	8.00
STRAWBERRY ★Baron Solemacher. Small fruited runnerless alpine type. Everbearing. 2¼-in. pot plants	1.00	8.00
Field grown	3.00	25.00
Sweet William, see Dianthus Barbatus.		
TARRAGON, TRUE. (Artemesia Dracunculus)	2.50	20.00
THALICTRUM Adiantifolium. ✕. Yellow, fern-like foliage. 1 ft. June-July	1.25	10.00
Dipterocarpum. Rosy purple. 4 ft. Aug.-Sept.	1.50	12.00
Glaucum. Yellow. 3 ft. June	1.00	8.00
THERMOPSIS Caroliniana. Yellow. 2 ft. June-July	1.25	10.00
THYMUS Citriodorus. ✕. (Lemon Thyme.) Red. 4 in. June	1.00	8.00
Serpyllum Coccineus. ✕. Red. 2 in. June-July	1.00	8.00
Serphyllum Album. ✕. White. 2 in. June-July	1.00	8.00
TRADESCANTIA★ Heavenly Blue. Pale blue. 1½ ft. July-Aug.	1.50	12.00
★**Leonora.** Dark blue. 1½ ft. July-Aug.	1.50	12.00
TRILLIUM Grandiflorum. ✕. White. 12 in. May-June	.85	7.00
TRITOMA Pfitzeri. (Red Hot Poker.)	1.25	10.00
Mount Etna. Erect heavy spikes, scarlet orange. Sept.-Oct.	2.50	20.00
TROLLIUS Golden Queen. Large orange. 3 ft. Spring and Fall	1.85	15.00
Ledebouri. (Globe Flower.) Orange-yellow	1.50	12.00
★**New Hybrids.** Orange and yellow shades. 2 ft. May-July	1.25	10.00
TUNICA Saxifraga. ✕. Light pink. 6 in.	1.00	8.00
★**Saxifraga Fl. Pl.** ✕. Light pink. 6 in. A double form of above	1.25	10.00
VERBASCUM Hybrids. Yellow, cream, etc. 3 ft. July-Aug.	1.50	12.00
VERONICA Incana. ✕. Blue, silvery foliage. 12 in. July-Aug.	1.25	10.00
★**Longifolia Subsessilis.** Blue. 2 ft. Aug.-Sept.	1.50	12.00
Longifolia. Light blue. 2 ft. July-Aug.	1.00	8.00
Rupestris. ✕. Blue. 5 in. June	1.25	10.00
Spicata. Blue. 2 ft. Aug.	1.00	8.00
Spicata Rosea. Pink. 2 ft. July-August	1.00	8.00
VINCA Minor. ✕. (Periwinkle.) Blue. 6 in. 2½ inch pots	.85	7.00
Field grown Per 1000, $35.00	.75	5.00
★**Bowles Variety.** ✕. Improved type, free flowering. Blue. 6 in. Spring and Fall	1.25	10.00
VIOLA, Admiration. ✕. Purple. 6 in.	.85	7.00
Chantryland. ✕. Apricot. 6 in. All summer	.85	7.00
Cornuta Lutea. ✕. Yellow. 6 in.	.85	7.00
Jersey Gem. ✕. Violet. 6 in.	1.25	10.00
White Perfection. ✕. White. 6 in.	.85	7.00
VIOLET Florence. ✕. Fragrant single white, faint purple veining. 6 in. Spring	1.50	12.00
Frey's Fragrant. ✕. Single purple. 6 in. May	1.25	10.00
Prince of Wales. ✕. Single, purple-violet. 6 in. May	1.25	10.00
★**Rosina.** ✕. Rose-pink. 6 in., spring and fall	1.50	12.00
YUCCA Filamentosa. 2 yr. White. 6 ft. July	1.00	6.00
Filamentosa. 3 yr. White. 6 ft. July	1.25	8.00
Glauca Angustifolia. Purplish white. 6 in. July. 2 year.	1.25	10.00
3 year	1.50	12.00

ROCK GARDEN PLANTS

The following list includes all the best hardy varieties used in Rock Gardens. For complete description and prices see our list of Hardy Perennial Plants on pages 51 to 54.

Varieties marked (*) are suitable for shade.

*Ajuga Reptans
Alyssum Saxatile Compactum
*Anchusa Myosotidiflora
Saponaria Ocymoides
Arabis Alpina
Aster Dwarf Hybrids
Aster Subcoeruleus
*Campanula Carpatica
Dianthus Atro-coccineus Fl. Pl.
Plumaris Caesius
Plumaris Cyclops
Plumaris Deltoides
Plumaris Graniticus
Gypsophila Bodgeri
Gypsophila Repens
*Heuchera New Hybrids
Linum Perenne
*Mertensia Virginica
*Myosotis Palustris
Nepeta Mussini
*Pachysandra Terminalis
*Phlox Amoena
*Phlox Divaricata
*Phlox Subulata
Plumbago Larpentae
*Primula Veris
Ranunculus Acris Fl. Pl.
Rosa Rouletti
Rosa Tom Thumb
*Sedum Acre
Sedum Album
Sarmentosum
Sexangulare
*Sieboldi
*Spurium
Sempervivum Globiferum
Sempervivum Tectorum
Silene Schafta
Spiraea Filipendula Hexapetala
*Thalictrum Adiantifolium
Thymus, all varieties
*Trillium Grandiflorum
Tunica Saxifraga
Veronica Amethystina
Armena
Incana
Rupestris
*Vinca Minor
*Viola Jersey Gem
*Violet Frey's Fragrant
*Violet Prince of Wales
*Violet Rosina

Less than five, double the rate per hundred. All varieties followed by ✕ are suitable for rock gardens.

PHLOX Columbia.

Less than five, double the rate per hundred. All varieties followed by a × are suitable for rock gardens.

Hardy Phlox

	10	100
Africa. Carmine red with darker eye	$1.25	$10.00
Augusta Patented. Brilliant cherry red	2.50	18.00
B. Comte. Amaranth purple	1.25	10.00
Baron Von Dedem. Orange-scarlet. Large flowers and heavy trusses	1.25	10.00
Brilliant. Deep rose, darker eye	1.25	10.00
Columbia. (Patented.) Cameo pink, faint blue eye	1.90	12.00
Daily Sketch. New. Immense salmon-pink, crimson eye	1.85	15.00
E. Farrington. New. Soft salmon-pink, with lighter eye	1.25	10.00
Europa. White, faint red eye	1.25	10.00
Feuerbrand. Brilliant red	1.25	10.00
Flora Reidy. White. Medium height	1.25	10.00
Goliath. Light reddish purple. Tall. Early	1.25	10.00
Graf Zeppelin. New. Snow white, deep red eye	1.50	12.00
Lillian. Salmon, faint blue eye	1.50	12.00
Miss Lingard (Suffruticosa). Earliest to bloom. White	1.50	12.00
Miss Von Lassberg. Tall white	1.25	10.00
Mrs. Jenkins. Tall white, immense flowers	.75	6.00
Mrs. Milly Von Hoboken. Bright pink, faint mauve suffusion	1.50	12.00
Painted Lady. Soft silvery pink, dark red eye	1.50	12.00
Rheinlander. Salmon-pink, red eye	1.25	10.00
Rosalinda. (Suffruticosa.) Early amaranth pink	1.25	10.00
Salmon Queen. A true large salmon-pink	1.50	12.00
Starlight. Light purple, white center star	1.50	12.00
Thor. Tall, deep salmon-pink, suffused and overlaid with a scarlet glow. One of the best	1.25	10.00
Von Hochberg. Deep blood-red	1.85	15.00
Mixed. Varieties with labels lost. Some very good stock	1.00	8.00

DWARF AND ALPINE PHLOX

Remarkable for their prostrate habit and mass of bloom in spring and early summer, being quite distinct from the Phloxes offered above. They are splendid subjects for rockeries, the front of borders and over graves.

	10	100
Amoena. × Pink. 8 in. May	$1.00	$8.00
Divaricata Canadensis. × Pale blue. 10 in. May	1.25	10.00
★**Dixie Brilliant (Nivalis Sylvestris).** × **New Giant Hardy Thrift.** Rosy red. 1 in. diameter	3.00	25.00
Subulata Alba. × Pure white. 4 in. Spring	.85	7.00
Atropurpurea. × Purplish red. 3 in. Spring	1.25	10.00
Mrs. G. F. Wilson. × Lavender. 4 in. Spring	1.25	10.00
Rosea. × Rose-pink. 4 in. Spring	.85	7.00
★**Pink Cushion** × Compact, free flowering form. 3 in.	1.50	12.00
Vivid. × Dark salmon pink. 3 in. Spring	1.50	12.00

Vaughan's Cannas

In our list of sorts will be found all the good old standard kinds, and many of the best novelties, the inferior kinds being discarded every year as the merits of the newer ones are proven.

Price for Dormant Roots up to APRIL 1st, after which pot plants are ready. All have green foliage unless otherwise specified; 25 at 100 rate; 250 at 1000 rate. Not less than 25 sold wholesale.

The Big Four

***Improved Florence Vaughan** Owing no doubt to a deterioration in breeding stock, plants distributed under the name of Florence Vaughan have for several years been decidedly smaller, and of inferior color to the original variety, introduced by us. Making a search for stock of the original quality, we found it in Europe, and have propagated from carefully selected specimens to produce the improved type offered here. Giant flowers of vivid golden yellow sprinkled with fine red dots, are borne on strong 4-foot stems. In our judgment, the best of all yellows. Green foliage ..... 10 for $1.75

	Per 100	Per 1000
	$12.00	$100.00
3-inch pot plants	14.00	140.00

***King Humbert** 4-FT. SCARLET FLOWERS, BRONZE LEAVES, GREATEST FAVORITE TODAY. This remarkable "Gold Medal" Canna has been the sensation of the past nine years. It is a cross between the orchid-flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other, and the handsome broad, tropical foliage. Dormant roots

	3.75	32.50
3-inch pot plants	11.00	100.00

***Yellow King Humbert** 4 feet. An orchid-flowering sport of the well-known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green, with flowers measuring 5 to 7 in. across; individual petals 3 to 3½ in. in diameter. Color of flower a deep rich yellow, softly spotted and blotched with bright red. Some plants will occasionally give a scarlet or scarlet-striped flower, which we consider an improvement rather than a defect.

Dormant Roots	3.75	32.50
3-inch pot plants	11.00	100.00

The President 4 ft. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong, erect stems well above the large green foliage. Free-bloomer and strong grower.

Dormant Roots	3.75	32.50
3-inch pot plants	11.00	100.00

Choice Varieties

	Per 100	Per 1000
AMBASSADOR. 3½ to 4 ft. Considered an improved King Humbert. Bronze foliage; color poppy-red; very brilliant. Flowers are borne in immense trusses on strong stalks well above the foliage; the petals measuring 2 to 2½ inches across. Plant is very vigorous. Dormant Roots	$ 4.50	$ 40.00
3-inch pot plants	11.00	100.00
COPPER GIANT. 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial ..... 10 for $1.20	8.00	60.00
3-inch pot plants	12.00	100.00
CITY OF PORTLAND. 3½ ft. Deep pink. Extra good flower. Does not fade. Green foliage	4.00	35.00
3-inch pot plants	12.00	100.00
EUREKA. 4 ft. Remarkably free flowering variety, and with its striking white flowers which first appear cream, makes a very effective show in conjunction with a good scarlet such as King Humbert. Dormant Roots	6.00	50.00
3-inch pot plants	12.00	100.00
HUNGARIA. 3½ feet. Very compact, almost dwarf, and luxuriant growth. Leaves bluish green, never burn. Flowers La France pink. Dormant Roots	4.00	35.00
3-inch pot plants	11.00	100.00
LOUIS CAYEUX. 4 ft. Immense flowers of bright rosy scarlet, green foliage	7.00	65.00
3-inch pot plants	12.00	100.00
OLYMPIC. 4 ft. Showy bronze foliage, good habit of growth. Blooms of large size in a deep rose-pink ..... 10 for $1.20	9.00	80.00
3-inch pot plants	14.00	120.00
SUNGOLD. 3½ ft. A very handsome variety of rich coloring. Deep Chinese yellow with golden yellow border. Green foliage and large blossoms. Dormant Roots. 10 for $1.20	8.00	70.00
3-inch pot plants	12.00	100.00

Standard Varieties

***LOUISIANA.** 6 ft. Green foliage; large; vivid scarlet.

***WINTZER'S COLOSSAL.** 5 ft. Green foliage. A striking vivid scarlet that retains its brilliancy.

Price of each of above varieties except when noted.

	Per 100	Per 1000
Dormant Roots	$ 3.00	$27.50
3-inch pot plants	10.00	90.00

(*) This mark indicates Orchid-Flowering Varieties.

PENNISETUM CUPREUM

The dark bronze Fountain Grass so much admired at A Century of Progress. Does well in any sunny location with rich soil. Foliage and plumes are dark bronze and plants make a wonderful display from late July to frost. 2½-inch pot plants ..... **$2.50 doz.; $15.00 per 100**

Greenhouse Plant Department

ASPARAGUS PLUMOSUS NANUS

Prices F. O. B. Western Springs, Illinois, where we ship by Express and C. B. & Q. R. R. All orders to all states shipped subject to customers assuming risk in regard to their state entomology requirements.

We assume no transportation risks after delivering shipment in good order to the transportation company. Should customers have any cause for rejecting plants, we would suggest that they be accepted under protest, and particulars telegraphed us at once.

Soft plants are not shipped to distant points by freight.

BILLING—25 at the 100 rate; 250 at the 1,000 rate. We charge for packing on all orders at cost.

On plants in bloom for Holidays and Easter, or on Cold Storage Stock, we cannot entertain claims for allowance in case of damage in transit, the stock being sold on a basis of actual value at Western Springs.

We list on this page only a few of the many greenhouse plants. Our special lists of small plants to grow on and plants for special occasions appear from time to time. If you do not receive your copy, write for it.

	Doz.	100	1000
ASPARAGUS Plumosus. Seedlings from flats		$1.50	$10.00
2¼-inch	$0.85	6.00	55.00
3 -inch	1.50	10.00	.....
4 -inch	2.50	20.00	.....
Sprengeri. Seedlings from flats	.....	1.50	8.00
2¼-inch	.75	5.50	50.00
3 -inch	1.50	10.00	.....
4 -inch	2.50	20.00	.....

BOSTON FERNS

		Each	100
2¼-inch	per 1000 $75.00	....	$ 8.00
4 -inch		$0.35	30.00
5 -inch		.50	45.00
6 -inch		.75	65.00
7 -inch		.95	85.00
8 -inch	$1.25 to 1.50		.....
10 -inch	2.50 to 3.50		.....

COLORADO FERNS

	Each	Doz.	100
4 -inch	$0.40	.....	$35.00
5 -inch	.55	.....	50.00
6 -inch	.80	.....	75.00
TABLE FERNS. Assorted varieties. 2¼-inch		$1.00	7.00

CARNATIONS Write for our special list of Rooted Cuttings. Standard and New varieties.

FICUS ELASTICA

4-inch Pots, each	$0.50
5-inch Pots, each	.75

NEW INTRODUCTIONS AND SPECIALTIES

AGERATUM Augusta. Tall blue variety for cut flowers or bedding.

	100	1000
Rooted Cuttings	$2.00	$15.00
2¼-inch	6.00	55.00

Cardinal Mundelein. Deep blue flowers in profusion. Dwarf, bushy and ideal in all respects.

Rooted Cuttings	2.00	15.00
2¼-inch plants	6.00	55.00

Riverside. Very dwarf, compact grower and free blooming. Medium blue.

	100	1000
Rooted Cuttings	$2.00	$15.00
2¼-inch	6.00	55.00

HELIOTROPE Centefleur. An extra free blooming, dark purple from cuttings. Blooms all summer.

	Doz.	100	1000
2¼-inch plants	$1.00	$7.00	$60.00

PENNISETUM Cupreum. Our new bronze Fountain Grass. Far superior to ordinary varieties. Wonderful dark bronze coloring in foliage and plumes.

	Doz.	100	1000
2½-inch plants	$2.50	$15.00	$145.00

PHILODENDRON Cordatum. The popular house vine, is liked better than English Ivy.

	Doz.	100	1000
2¼-inch plants. 3-6 leaves	$1.50	$10.00	$90.00

POTHOS Aurea Wilcoxii. New variegated Pothos much in demand.

	Doz.	100	1000
2¼-inch plants	$1.50	$10.00	$90.00

BEGONIA

	100	1000
Carmen. Bronze foliage, pink flowers. 2¼-inch	$ 6.00	$ 55.00
Chatelaine Supreme. 2¼-inch	7.00	65.00
Christmas Cheer Red. 2¼-inch	6.00	55.00
Christmas Pink. 2¼-inch	6.00	55.00
Luminosa. 2¼ inch	6.00	55.00
Pink or Red Pearl. 2¼ inch	6.00	55.00
Melior. 2¼-inch	22.50	200.00

BOSTON FERN

CALADIUMS—Vaughan's Special Fancy-Leaved

	Doz.	100	1000
Rainbow Mixed	$2.00	$12.00	$110.00
Named Varieties. Our selection	2.00	13.00	120.00
Named. Your selection of varieties on color insert	2.25	14.00	120.00
Unusual and rare varieties. All named	2.75	16.00	140.00

CALCEOLARIAS Vaughan's Hybrid Mixture. 2¼-inch	8.00	75.00
Rosacker's New Varieties, also Pink Beauty, Stewartii, Brilliancy 2¼-inch	16.00	150.00
CINERARIAS Cremer's Prize Mixture. 2¼-inch	6.00	55.00
3-inch	9.00	80.00
CYCLAMEN Bright Red. 2¼-inch	12.00	100.00
New Salmon Rose. 2¼-inch	12.00	100.00
White or Salmon Scarlet 2¼-inch	12.00	100.00
Strong transplants of above Cyclamen. Ready in March	6.00	55.00
	Doz.	100
DRACAENA INDIVISA. 2¼-inch	$0.85	$6.00
3-inch	1.75	12.00
4-inch	4.00	30.00

GERANIUMS

	100	1000
Fiat. Dark salmon-pink. The color sells it. A good all-around variety and much in demand. 2¼-inch	$9.00	$75.00
Mme. Buchner. The best double white. 2¼-inch	6.50	60.00
Madame Landry. Salmon-pink with darker shading. 2¼-inch	6.50	60.00
Mme. Salleroi. Variegated leaves, 2¼-inch	5.50	50.00
Radio Red. The best all-around red Geranium. 2¼-inch	6.50	60.00
Rose. Scented leaves, 2¼-inch	5.50	50.00
Wyona. A glorified Ricard type containing more salmon hue. Very large blooms and free-flowering. 2¼-inch	9.00	75.00

PELARGONIUMS

Easter Greeting, Edith North, Gardener's Joy, Lucy Becker, Mrs. Layal, Swabian Maid, Pride of Quedlinburg, Wurtembergia

Prices on other varieties quoted upon request.

	Doz.	100	1000
Rooted Cuttings	$ 0.90	$ 6.00	$55.00
2-inch	1.20	8.00	75.00
3-inch	1.60	11.00	100.00

HYDRANGEAS FOR FORCING

The new list contains many of the recent American, French and German varieties offered in Rooted Cuttings and 2¼-inch stock for growing on as well as pot grown for forcing.

If you do not receive our list send us your requirements and we will quote.

		100	1000
ENGLISH IVY. Heavy, 2¼-inch		$ 6.00	$55.00
4-inch		25.00	.....
PITTSBURG SELF-BRANCHING IVY. 2¼-inch		6.50	60.00
4-inch	Each 35c	30.00	.....
LANTANAS, Aurora, Radiation and Canary-yellow, 2¼-inch		6.00	55.00
PANDANUS VEITCHI. 4-inch	Each $ 0.75	.....	.....
5-inch	1.25	Each	100
POINSETTIAS. Oak Leaf and Mrs. Paul Ecke.- 2¼inch		$10.00	$85.00
Sansevieria Laurentia. 3 inch		.30	25.00
4 inch		.60	50.00
5 inch		.85	75.00
Sansevieria Zeylanica. 4 inch		.45	35.00
5 inch		.75	60.00
SNAPDRAGONS. Ceylon Court—yellow, Cheviot Maid—early pink, Cincinnati—pink, Afterglow—bronze, Lucky Strike—white, Pennsylvania—orange. 2¼-inch		100 $5.00	1000 $45.00
VERBENA BEAUTY OF OXFORD. Cerise, 2¼-inch		6.00	55.00
VERBENA PINK BEAUTY OF OXFORD. 2¼ inch		6.00	55.00
VERBENA Rooted Cuttings, either variety		2.25	20.00
VINCA VARIEGATA. Rooted cuttings		2.00	15.00
2¼-inch		5.00	45.00

During the season we grow a complete line of spring bedding plants such as Asters, Coleus, Salvia, Petunias, etc. Write for our special list.

Vaughan's Chrysanthemum Rooted Cuttings

Produced by a specialist from stock plants especially grown for cuttings and kept free from insect pests. By using these plants you get superior vigor and save on spray materials. Prices F. O. B. Barberton, Ohio.

QUANTITY DISCOUNTS

5% on 10,000 or more
7½% on 25,000 or more
10% on 50,000 or more
15% on 100,000 or more

5% on order placed two or more months before delivery date. Does not apply if delivery date is before April 1st.

Less than 25 of any variety at double the rate per 100.
10 of any variety is smallest amount sold

LARGE FLOWERING COMMERCIAL VARIETIES

	Matures	Price per 100	Price per 1000
Ambassador. White	Oct. 16-20	$3.00	$27.50
Apricot Queen. Orange	Oct. 25	3.00	27.50
Betsy Ross. White	Nov. 5	3.00	27.50
Bonnaffon DeLuxe. Golden yellow	Nov. 20	7.00	65.00
Bronze Frick. Bronze	Thanks.	3.00	27.50
Bronze Lode. Bronze. Sport from Gold Lode	Oct. 1	7.00	65.00
Camilla. White	Oct. 18	3.00	27.50
Cardonia. Deep, rich yellow	Nov. 1-7	3.00	27.50
Celestra. Yellow	Oct. 10	3.00	27.50
Chadwick, Bronze. Bronze	Thanks.	3.00	27.50
Chadwick, Golden. Yellow	Thanks.	3.00	27.50
Chadwick, Pink. Pink	Thanks.	3.00	27.50
Chadwick, White. White	Thanks.	3.00	27.50
Chas. W. Johnson. White	Oct. 25	3.00	27.50
Chattanooga. White	Nov. 28	3.00	27.50
Citronella. Yellow. Excellent shipper	Oct. 25	3.00	27.50
Columbus Dispatch. Yellow. Large bloom	Nov. 15	3.00	27.50
December Beauty. White, tinged with pink	Dec. 1	3.00	27.50
December Glory. White	Dec. 1	3.00	27.50
Detroit News. Bronze	Oct. 25	3.00	27.50
Distinction. Pink	Thanks.	3.00	27.50
Dr. Enguehard. Rose Pink	Thanks.	3.00	27.50
Early Frost. White	Early	3.00	27.50
Evening Star. Pink	Nov. 1	3.00	27.50
Floyd Gibbons. Salmon, buff reverse	Nov. 8	3.00	27.50
Friendly Call. Yellow	Nov. 25-Dec. 10	7.00	65.00
Friendly Rival. Golden yellow	Thanks.	3.00	27.50
Garnet King. Red	Nov. 20-30	3.00	27.50
Gladys Pearson. Bronze	Nov. 20-30	3.00	27.50
Glitters. Bronze	Nov. 1	3.00	27.50
Gold Lode. Yellow	Oct. 1	3.00	27.50
Golden Celebration. Yellow	Nov. 20	3.00	27.50
Golden Glory. Yellow	Nov. 1	3.00	27.50
Golden Mrs. Ross. Golden yellow	Nov. 28	3.00	27.50
Golden Pearson. Yellow	Thanks.	3.00	27.50
Golden Wave. Yellow	Oct. 20	3.00	27.50
Good News. Yellow	Oct. 25	3.00	27.50
Helen Frick. Dark pink	Thanks.	3.00	27.50
Honey Dew. Yellow	Nov. 15	3.00	27.50
Immaculate. White	Nov. 1-7	3.00	27.50
Indianola. Light bronze	Oct. 8	3.00	27.50
J. W. Prince. Pink	Nov. 1	3.00	27.50
Keystone. Bronze	Oct. 22	3.00	27.50
Major Bonnaffon. Yellow	Nov. 20	3.00	27.50
Marie de Petris. Yellow	Nov. 25	3.00	27.50
Mefo. White	Nov. 20	3.00	27.50
Mistletoe, Bronze. Bronze	December	3.00	27.50
Mistletoe, Golden. Yellow	December	3.00	27.50
Mistletoe, Pink. Pink	December	3.00	27.50
Mistletoe, White, Imp. White	December	3.00	27.50
Mohawk Chief. Crimson	Nov. 30	3.00	27.50
Monument. White	Nov. 5-15	3.00	27.50
Mrs. A. J. Stahelin. Bronze	Nov. 15	3.00	27.50
Mrs. David F. Roy. Crimson	Nov. 15	3.00	27.50
Mrs. H. E. Kidder. Bright yellow	Oct. 25	3.00	27.50
Oak Leaf. Dark bronze	Nov. 20-30	3.00	27.50
October Rose. Pink	Oct. 18	3.00	27.50
Old Rose. Old rose	Early Nov.	3.00	27.50
Pink Chief. Pink, early	Oct. 12	3.00	27.50
Pink Delight. Rose pink	Nov. 1	3.00	27.50
Quaker Maid. White	Oct. 5	3.00	27.50
R. M. Calkins. Golden yellow	Nov. 25-30	3.00	27.50
Rose Glory. Pink	Oct. 15-20	3.00	27.50
Rose Perfection. Pink	Nov. 5-10	3.00	27.50
Secretary Nehrling. Bright yellow	Nov. 15-20	3.00	27.50
Silver Dawn. White	Oct. 18-20	3.00	27.50
Silver Sheen. White	Oct. 20	3.00	27.50
Smith's Late White. White	Dec. 15	3.00	27.50
Smith's Superlative. Bright yellow	Oct. 25	3.00	27.50
Snow White. White	Nov. 1	3.00	27.50
Stately White. White	Nov. 1	3.00	27.50
Sunglow. Yellow	Oct. 25	3.00	27.50
Thanksgiving Pink. Dark pink	Thanks.	3.00	27.50

LARGE FLOWERING COMMERCIAL VARIETIES Continued

	Matures	Price per 100	Price per 1000
Timothy Eaton. White	Nov. 20	$3.00	$27.50
Tom Browne. White	Nov. 20-30	3.00	27.50
White Chief. White	Oct. 18	3.00	27.50
White Chieftain. White	Nov. 1	3.00	27.50
White Distinction. White	Thanks.	3.00	27.50
William Didden. Yellow	Oct. 8	3.00	27.50
Whittier. Yellow	Nov. 15	3.00	27.50
Yellow Chattanooga. Light yellow	Nov. 28	3.00	27.50
Yellow Chieftain. Yellow	Nov. 1	6.00	50.00
Yellow Frost. Yellow	Early	3.00	27.50
Yellow Mefo. Yellow. Sport of Mefo	Nov. 20	3.00	27.50
Yellow Monument. Yellow	Nov. 5-15	3.00	27.50

EXHIBITION VARIETIES

	Matures	Price per 100	Price per 1000
Dr. J. M. Inglis. Wine-purple amaranth	Nov. 1	$8.00	$75.00
Golden Majestic. Bright yellow	Oct. 25-Nov. 1	8.00	75.00
Grace Sturgis. Wine red	Oct. 20	6.00	50.00
Louisa Pockett. White	Nov. 1-15	8.00	75.00
Majestic. Clear, shiny amber bronze	Oct. 25	8.00	75.00
Marian H. Uffinger. Bronzy crimson	Nov. 1	8.00	75.00
Mrs. H. S. Firestone. Chamois buff	Nov. 1	8.00	75.00
Red Majestic. Bronzy red	Nov. 1	8.00	75.00
Thos. W. Pockett. Pink	Nov. 1-15	8.00	75.00
Turner, Bronze. Light bronze	Nov. 5	6.00	50.00
Turner, Pink. (Mrs. Leslie Davis)	Nov. 5	6.00	50.00
Turner, William. White	Nov. 5	6.00	50.00
Turner, Yellow. Yellow	Nov. 5	6.00	50.00
Vermont. Pink	Nov. 1-15	8.00	75.00
W. H. Waite. Bronze	Nov. 5	6.00	50.00
W. H. Waite, Imp. Red	Nov. 5	6.00	50.00
Yellow Pockett. Yellow	Nov. 1-15	8.00	75.00

Oddly Formed — Feathery and Threadlike — Varieties

	Matures	Price per 100	Price per 1000
Patricia Grace. Shell pink	Nov. 5	$6.00	$50.00
Peggy Ann Hoover. Lavender	Nov. 5	6.00	50.00
Pride of Tokyo. Creamy pink	Nov. 10	6.00	50.00

POMPONS — Large Flowering

Under the heading of type, we attempt to classify pompons into large pompons and button types. The distinction is largely one of size, the buttons contain more of the true, compact, rounded type.

	Matures	Price per 100	Price per 1000
***Acto.** Rose pink	Nov. 1	$3.00	$27.50
†**Alice.** Pink	Nov. 15	3.00	27.50
***Angello.** Light pink	Oct. 25	3.00	27.50
Arcadia. White	Oct. 25	8.00	75.00
Betty Watkins. Bronzy yellow	Thanks.	3.00	27.50
†**Bonnibell.** Orange buff	Oct. 15	3.00	27.50
Bright Spot. Shell pink. Bright center	Oct. 25	12.00	100.00
Bristolite. Bronze	Thanks.	3.00	27.50
Bronze Beauty. Bronze	Thanks.	3.00	27.50
Campfire. Red	Nov. 20	3.00	27.50
Capt. Cook. Pink	Oct. 20	3.00	27.50
Chicago Pearl. White	Nov. 15	3.00	27.50
Cora Peck Buhl. Yellow	Oct. 25	3.00	27.50
Cordova. White. A late variety	Thanks.	3.00	27.50
Derigold. Lemon yellow	Nov. 10	12.00	100.00
Dorothy Turner. Bronze	Thanks.	3.00	27.50
***Edith Newberry.** Orange rust	Nov. 5	3.00	27.50
Elora. Pearly white	Nov. 1-10	3.00	27.50
Ermalinda. Old rose	Oct. 25	3.00	27.50
Fire Bird. Red bronze	Oct. 25	3.00	27.50
***Gold Coin.** Yellow	Dec. 1	3.00	27.50
Gold Finch. Deep, rich yellow	Oct. 20	3.00	27.50
Gold Tips. Bronze and gold	Thanks.	3.00	27.50
Golden Sceptre. Bright yellow	Nov. 25	3.00	27.50
†**Governor Lake.** Reddish bronze	Thanks.	3.00	27.50
Grenadier. Rich, deep red	Nov. 10	3.00	27.50
Ida Imp. Yellow	Oct. 10	3.00	27.50
***Irene Rich.** Pink	Nov. 1	3.00	27.50
Juva Nicholson. Yellow	Nov. 15	3.00	27.50
Legal Tender. Bronze and gold	Nov. 20	3.00	27.50
***Lillian Doty.** Shell pink	Nov. 1	3.00	27.50
†**Lois.** Golden yellow	Nov. 18	3.00	27.50
Lucinda. Deep pink	Nov. 12-20	3.00	27.50
Manchukuo. Chestnut sorrel	Nov. 10-15	12.00	100.00
Mary Lennon Hall. Clear yellow	Nov. 1	3.00	27.50
†**Mrs. Beu.** Bronze	Thanks.	3.00	27.50
***Muskoka.** Bronze	Nov. 10	3.00	27.50
Olivia. Pink	December	3.00	27.50
Ottawa. Orange bronze	Thanksgiving	7.00	65.00
Pagosa. Dark pink	Dec. 5	3.00	27.50
Pink Dot. White, pink center	Oct. 25	3.00	27.50

*—Good disbudded. †—Good as pot plants.

Twenty-Five or more at the hundred rate. Less than 25 of any variety at double the rate per hundred.
10 of any one variety is smallest amount sold.

Vaughan's Chrysanthemum Rooted Cuttings

POMPONS — Large Flowering — Cont'd.

	Matures	Price per 100	Price per 1000
Princeton. Yellow, suffused orange	Nov. 15	$3.00	$27.50
Roman Bronze. Bronze	Oct. 20	3.00	27.50
***Rose Charm.** Rose pink	Nov. 1	3.00	27.50
Roselea. Pink	Dec. 1	3.00	27.50
Royal Queen. White	Dec. 5	3.00	27.50
Sarda. Deep pink	Oct. 25	3.00	27.50
***Sea Gull.** White	Nov. 1	3.00	27.50
***Silver Ball.** White	Oct. 12	3.00	27.50
Silver Star. White. Very late	Dec. 5	3.00	27.50
Silver Tips. Bright pink, silver tips	Nov. 10	3.00	27.50
Tonquin. Rose color	Dec. 10	3.00	27.50
***Unalga.** Yellow	Nov. 25	3.00	27.50
Usona. Pink	Thanks.	3.00	27.50
***Vera Victoria.** Yellow	Nov. 1	3.00	27.50
Western Beauty. Old rose	Nov. 15-25	3.00	27.50
***White Doty.** White	Nov. 1	3.00	27.50
Yellow Bird. Yellow	Nov. 18	3.00	27.50
†**Yellow Fellow.** Yellow	Nov. 15	3.00	27.50
Yellow Silver Star. Yellow	Dec. 10	3.00	27.50
†**Yuletide, White.** White	Dec. 1	3.00	27.50
†**Yuletide, Yellow.** Yellow	Dec. 1	3.00	27.50
†***Yuvawn.** Yellow	Nov. 25	3.00	27.50

POMPONS — Button Types

	Matures	Price per 100	Price per 1000
Agate. Yellow, red eye	Oct. 25	$5.00	$40.00
Baby. Yellow	Nov. 10	3.00	27.50
Betty Price. Brilliant orange	Nov. 25	3.00	27.50
Big Baby. Yellow	Thanks.	3.00	27.50
Bonnie Maid. Pink	Oct. 18	3.00	27.50
Bronze Queen. Bronze	Oct. 25	3.00	27.50
Christmas Gold. Bright yellow	Dec. 1	3.00	27.50
Clare. White	Nov. 15	3.00	27.50
Dainty Maid. White, pink tints	Nov. 1	3.00	27.50
†**Ethel.** Bronze	Oct. 25	3.00	27.50
†**Gold Mine.** Yellow	Nov. 1	3.00	27.50
Golden Nymph. Golden bronze	Dec. 10	3.00	27.50
Golden Varsity. Yellow	Nov. 10	3.00	27.50
†**Irene.** White	Oct. 15-20	3.00	27.50
†**Jewell.** Bright pink	Oct. 1-15	3.00	27.50
†**Mary Pickford.** White	Nov. 1	3.00	27.50
Minong. White	Oct. 20-25	3.00	27.50
New York. Bronze	Nov. 15	3.00	27.50
†**Nuggets.** Yellow	Oct. 25	3.00	27.50
†**Patsy Dowd.** Red	Nov. 5	3.00	27.50
Robin Hood. Rich deep red	Early Nov.	3.00	27.50
Rodell Imp. Sport of Rodell	Oct. 20	3.00	27.50
Silver Bells. White	Oct. 15	4.00	35.00
Yellow Dainty Maid. Yellow	Nov. 1	8.00	75.00
Yellow Dot. (Jablonsky) Yellow	Oct. 25	3.00	27.50
Yellow New York. Yellow	Nov. 15	3.00	27.50

ANEMONE FLOWERED VARIETIES

	Matures	Price per 100	Price per 1000
†***Beautiful Lady.** Pink creamy white cushion	Nov. 20	$3.00	$27.50
***Betty Rose.** Pink, petals and cushion	Oct. 25-Nov. 1	3.00	27.50
***Blanche.** White	Oct. 27	3.00	27.50
Bronze Supreme. Bronze with pink cast	Nov. 30	7.00	65.00
Bronze Volunteer. Rich bronze	Thanks.	3.00	27.50
***China Rose.** Dragon's blood red	Nov. 10	3.00	27.50
Citrus Queen. Lemon-orange	Dec. 1	5.00	40.00
†***Crimson Glow.** Crimson maroon	Nov. 25-30	3.00	27.50
***Estrelita.** Bronze throughout	Nov. 15 & Later	3.00	27.50
Garza Supreme. White	December	3.00	27.50
†***Graceland.** Pure white, yellow center	Oct. 25	3.00	27.50
Little America. Snow white	Nov. 5	8.00	75.00
Long Island Beauty. White with large yellow cushion	Thanks. & Later	7.00	65.00
***Marietta.** Soft pink, full cushion	Oct. 20	3.00	27.50
***Norma.** Pink petals, golden pink cushion	Nov. 10-Dec.	3.00	27.50
†***Rolinda.** Orange bronze	Nov. 20-Dec. 1	3.00	27.50
***Smith's Innocence.** White	Nov. 5	3.00	27.50
†***Sunshine.** Yellow	Thanks.	3.00	27.50
***Susanne Miller.** Yellow. Sport of Norma.	Nov. 10-Dec. 1	3.00	27.50
***The Titan.** Scarlet crimson, bronzy cushion	Nov. 5	3.00	27.50
***Topknot.** Creamy white cushion, rosy pink petals	Nov. 5	3.00	27.50
***Tuxedo.** Pink	Nov. 10	3.00	27.50
***White Norma.** White	Nov. 1	3.00	27.50
Yellow Garza Supreme. Yellow	Dec. 1	3.00	27.50

SINGLE VARIETIES — DAISY TYPE

	Matures	Price per 100	Price per 1000
Aloma. Terra cotta bronze, yellow center	Oct. 15	$3.00	$27.50
†**Buckingham, Bronze.** Bronze	Nov. 5	3.00	27.50
†**Buckingham, W. H.** Pink	Nov. 5	3.00	27.50
Elizabeth Firestone. Pink	Nov. 15 & Later	3.00	27.50
Elizabeth McDowell. Bronze	Nov. 15	3.00	27.50
Fairy Queen. Intense orchid pink	Nov. 10-15	15.00	125.00
Golden Mensa. Yellow	Nov. 10	3.00	27.50

*—Good disbudded. †—Good as pot plants.

SINGLE VARIETIES — DAISY TYPE—Continued

	Matures	Price per 100	Price per 1000
Gretchen Piper. Deep glowing yellow	Oct. 25	$3.00	$27.50
Helen Hubbard. Red	Thanks.	3.00	27.50
Joe Beuerlein. Crimson red	Dec. 5	8.00	75.00
†***Melba.** Reddish bronze	Nov. 5	3.00	27.50
Radiant. Bright red	Nov. 5-10	3.00	27.50
***Red Rover.** Crimson orange	Nov. 5	3.00	27.50
Sunny Boy. Yellow	Nov. 15	3.00	27.50
†**Thanksgiving Bronze.** Dark bronze	Thanks.	3.00	27.50
Valencia. Orchid pink	Nov. 30	3.00	27.50
White Mensa. White	Thanks.	3.00	27.50

POT PLANT VARIETIES

In addition to varieties listed here as essentially intended for pot plant culture, many of the varieties listed under Pompons are excellent as pot plants. Short and medium sorts should be used for this purpose. A number of such varieties are denoted by the character (†).

	Matures	Price per 100	Price per 1000
Benoit. Cerise pink	Oct. 20-25	$3.00	$27.50
Bright Light. Bright yellow	Nov. 20	3.00	27.50
***Bronze Prince.** Bronze	Nov. 1	3.00	27.50
Caprice, Butler. Deep pink	Oct.	3.00	27.50
Caprice, Lilac. Deep lilac	Oct.	3.00	27.50
Caprice, Purple. Purple	Oct.	3.00	27.50
Caprice, White. White	Oct.	3.00	27.50
Kathleen Thompson. Bronze	Oct.	3.00	27.50
Ohio State. Yellow	Nov. 1	3.00	27.50
Orchid Gem. Pink	Oct. 25	8.00	75.00
Pygmy. Light pink	Nov. 10	3.00	27.50
Savanta. White, with tint of pink	Nov. 1	3.00	27.50
Titan Beauty. Bronze, shading to scarlet	Nov. 25	3.00	27.50
W. H. Lincoln. Yellow	Late	3.00	27.50

HARDY VARIETIES

	Matures	Price per 100	Price per 1000
A. Barham. Orange bronze	Oct. 1	$3.00	$27.50
Adelaide. Mahogany	Early Oct.	3.00	27.50
Albert Muller. Apricot suffused pink	Oct. 1	3.00	27.50
Alladin. Bronze	Sept.	3.00	27.50
Amelia. (Pink Cushion) Bright pink	Sept.	3.00	27.50
Barbara Cummings. Yellow to bronze	Sept.	3.00	27.50
Carrie. Yellow	Early	3.00	27.50
Cavalier. Rich vermillion-red	Oct. 15	3.00	27.50
†**Early Bronze.** Bronze	Sept.	3.00	27.50
Early Yellow. Yellow	Sept. 15	4.00	35.00
†**Eden.** Rose pink	Oct. 1	3.00	27.50
Francis Whittlesy. Rich bronze and garnet	Sept. 30	3.00	27.50
Ganna. Bright pink	Oct. 12	3.00	27.50
†**Glada.** Soft pink	Sept.	3.00	27.50
Granny Scovill. Warm coral bronze	Oct. 15	3.00	27.50
Gypsy Girl. Chestnut crimson	Early Oct.	3.00	27.50
Indian Summer. Bronze	Oct. 25	4.00	35.00
Jean Cummings. White	Sept.	3.00	27.50
Jean Treadway. Pink with dark centers	Oct. 1-10	3.00	27.50
Lorelei. Yellow	Sept. 10	3.00	27.50
Normandie. White	Sept.	3.00	27.50
Provence. Soft pink blended with yellow	Sept.	3.00	27.50
Red Flare. Bright red	Oct. 15	3.00	27.50
R. Marion Hatton. Canary yellow	Oct. 1-10	3.00	27.50
Rosy Gem. Bright pink or rose	Oct. 15	3.00	27.50
Ruth Cummings. Reddish bronze	Early Oct.	3.00	27.50
Ruth Hatton. Ivory white	Oct. 10	3.00	27.50
September Queen. White	Sept. 15	3.00	27.50
Wolverine. Yellow	Sept.	3.00	27.50
†**Yellow Gem.** Canary yellow	Oct. 5-10	3.00	27.50
Yellow Normandie. Yellow	Early	3.00	27.50

HARDY KOREAN VARIETIES

	Matures	Price per 100	Price per 1000
Agnes Selkirk Clark. Apricot salmon	Sept. 25	$7.00	$65.00
Aphrodite. Pink	Oct. 15	4.00	35.00
Apollo. Bronze red	Oct. 12	3.00	27.50
Ceres. Old gold	Oct. 10	3.00	27.50
Daphne. Pink	Oct. 12	3.00	27.50
Diana. Rose pink	Oct. 12	3.00	27.50
Hebe. Lavender pink	Oct. 15	3.00	27.50
Innocence. White	Sept.	3.00	27.50
Louise Schling. Bronze salmon	Oct. 5	3.00	27.50
Mercury. Blend of old rose and salmon	Sept. 30	3.00	27.50
Nancy Copeland. Red	Sept. 25	7.00	65.00
Orion. Canary yellow	Oct. 5	3.00	27.50
Pink Lustre. Orchid pink	Sept. 25	7.00	65.00
Saturn. Bronze	Oct. 12	4.00	35.00
Vulcan. Bronze crimson	Oct. 5	3.00	27.50

*—Good disbudded. †—Good as pot plants.

Twenty-five or more at the hundred rate. Less than twenty-five of any variety at double the rate per hundred. 10 of any one variety is smallest amount sold.

Hardy German Iris

☛ "S" refers to the three standard or upright curling petals. "F" refers to the three falls or drooping petals.

All prices are F.O.B. Western Springs, Ill., packing charges to be added to cost.

	Each	10	100
Alcazar. "S" light bluish violet; "F" rich velvety crimson-purple. A very rich and striking flower	....	$0.60	$4.00
Alta California. 48 in. Superb flowers of deep golden yellow, faintly bronzed. An extra fine new yellow	$0.35	....	.....
Ambassadeur. Late. "S" fascinating smoky purple; "F" velvety purple maroon. Very popular	....	.60	4.00
Archeveque. Deep velvety purple-violet	....	.60	4.00
Autumn Queen. A white companion to the Autumn King	....	2.00	.....
Baldwin. 40 in. Gigantic flowers of a uniform Manganese violet color	.15	....	.....
Blue Triumph. 42 in. Very large flowers of heavy substance, considered the best light blue Iris yet introduced	2.00	....	.....
Canopus. 36 in. Dominion seedling. "S" reddish violet; "F" rich pansy violet	....	.60	4.00
Caprice. "S" reddish purple; "F" deeper purple	....	.60	4.00
Chromylla. 40 in. Large, beautifully shaped chrome yellow	.30	2.50	.....
Clara Noyes. 38 in. Of sensational coloring, a brilliant blending of red, orange and yellow	.20	1.50	.....
Coralie. 38 in. A vividly colored blend of pink and red. Unusually lovely flowers of fine form	1.50	....	.....
Coronation. 40 in. A brilliant, clear deep golden yellow of fine form and substance	.15	1.25	.....
Crystal Beauty. 40 in. Large, perfectly shaped flowers of pure, snow-white on well branched stalks	1.50	....	.....
Depute Nomblot. 50 in. "S" coppery-red, flushed bronze; "F" rich claret crimson. A magnificent Iris	.25	....	.....
Desert Gold. 30 in. Very large flowers of soft, luminous yellow. Early flowering; fragrant	.20	....	.....
Dolly Madison. 38 in. "S" mauvette, yellow at base; "F" lilac tinged old gold. Very fine large flowers	....	1.25	10.00
Empress of India. 36 in. Beautiful light violet-blue.	....	.60	4.00
Eros. 38 in. An exquisitely colored Iris of salmon-pink with soft yellow haft and beard	1.25	....	.....
Frieda Mohr. 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant	.15	1.00	8.00
Golden Glory. 36 in. A fine medium toned yellow self	....	.75	5.00
Gold Imperial. 33 in. Chrome yellow throughout except for conspicuous orange beard	....	.75	5.00
Grace Sturtevant. 36 in. Rich colored and showy. "S" dark red-brown, with darker velvety falls	.20	....	.....
Happy Days. 40 in. An immense clear yellow that usually carries 7 to 8 massive blooms to the stalk	2.25	....	.....
Helios. 44 in. Enormous, luminous, lemon yellow	.25	....	.....
Hermene. 40 in. Deep pink blend, golden center	.20	1.75	.....
Jean Cayeux. 38 in. A beautiful blending of coffee brown with a golden glint. A masterpiece	1.00	....	....
Joycette. 42 in. Huge flowers, 6 to 6½ inches, that are a rich blazing red in the sun	.85	....	.....
Juniata. Clear blue flowers, large and fragrant	....	.60	4.00
King Tut. 34 in. A brilliant red-brown bicolor	.20	1.50	.....
Labor. 36 in. "S" dark violet heliotrope; "F" a deeper shade. An absolutely new color	....	.80	6.00
Lady Byng. A beautiful Iris of clear pale lavender with a slight suffusion of rose	....	.75	5.00
Lord of June. "S" flappy lavender-blue; "F" rich violet-blue. An exceedingly handsome Iris	....	.75	5.00
Mary Geddes. 38 in. S. salmon flushed yellow; F. same shade overlaid Pompeian red. Very fine	.75	....	.....
Monsignor. 24 in. Lavender and violet. Blooms a long time	....	.60	4.00
Mother of Pearl. 48 in. A pale bluish lavender flower of exceptional substance	....	.60	4.00
Mrs. Valerie West. 42 in. "S" bronze flushed with lavender; "F" massive and flaring, deep, velvety crimson brown. Exceedingly large handsome flowers	.15	1.25	.....
Mrs. Walter Brewster. 36 in. Lavender and aniline blue	....	.60	4.00
No-We-Ta. 35 in. A beautiful true pink self in effect with yellow flushes at the center. Flowers frilled	.35	....	.....
Opera. Early. "S" bright reddish lilac; "F" deep velvety purple-lilac. Beard yellow	....	.75	5.00
President Pilkington. 46 in. Very large flowers of pale buff and lavender blend. Extra choice	.20	1.75	.....

GERMAN IRIS—Continued	Each	10	100
Prospero. "S" pale lavender flushed with yellow at base; "F" deep red-purple with lighter shadings at margin. Deep orange beard. Strong grower	....	$0.60	$4.00
Rameses. 36 in. A large blend of russet rose, pink and buff. Attracts immediate attention	$0.15	1.25	10.00
Red Dominion. 40 in. An outstanding variety of glowing ox-blood red	.35	....	.....
Sir Michael. 48 in. Considered by many the finest blue bicolor. "S" opalescent lavender-blue; "F" velvety-purple	.20	1.75	.....
Sweet Lavender. 36. Rosy lavender with fine fragrance.	....	.60	4.00
True Charm. 40 in. Fine large flowers of white with the margins delicately etched lavender	....	.80	....
Venus de Milo. 49 in. Pure white with a rich creamy tone. Large flowers of perfect form	.30	2.50	.....
Vesper Gold. 42 in. A new distinct yellow suffused with violaceous reflections. A beautiful Iris	....	.75	5.00
Wm. Mohr. 26 in. Large flower of pale lilac, beautifully veined manganese-violet	.20	1.75	.....

VARIOUS IRIS

Cristata. Early. A dwarf creeping variety with large blue flowers. Fine for use in rock garden	....	1.25	$10.00
Dichotoma (Vesper Iris). Dainty blue flowers, beautifully marked, that open in the afternoon Blooms profusely during the month of August	.30	2.50	.....
Monnieri. 48 in. Golden yellow flowers of excellent form.	.25	2.00	.....
Pseudacorus. (Common Yellow Water Flag.) Bright yellow. Fine for waterside plantings	....	1.25	10.00
VERSICOLOR. (Common American Water Flag.) Showy violet-blue. Blooms for a long time	....	1.00	8.00
PUMILA Hybrida. 6 to 8 in. Dwarf varieties that bloom two weeks in advance of the German Iris.			
Dixmude. "S" aniline blue; "F" rich purple	....	.75	5.00
Orange Queen. Clear deep yellow	....	1.00	8.00
Spring Skies. Lovely pale blue	....	.80	6.00
White	....	1.00	8.00

SIBERIAN IRIS

The most delicate and elegent of all small flowered Irises. They grow on tall stems, have graceful, grass-like foliage, and are excellent for cutting. Always ornamental.

Butterfly. Lovely porcelain blue	....	.60	4.00
Emperor. Large flowers of deep violet-blue	....	.70	5.00
Geo. Wallace. (Azure blue.) "F" marked white	....	.60	4.00
Orientalis. Rich, deep purple	....	.50	3.00
Perry's Blue. A tall, beautiful variety, excellent for cutting. Large, well formed flowers of sky-blue	....	.60	4.00
Snow Queen. Large ivory-white	....	1.00	6.00
Mixed	....	.50	3.00

JAPANESE IRISES (Kaempferi)

Gold Bound. White with gold banded center. Double. Early	.20	1.75	15.00
Iso-No-Nami. Suffused rose and blue over white. A large double; late	.25	2.00	18.00
Kumochi-Guma. Dark purplish indigo. Midseason. Double	.20	1.75	15.00
Mahogany. Velvety mahogany red. Double	.25	2.00	18.00
Momigi-No-Taki. Variegated rosy carmine. Double.	.25	2.00	18.00
Norma. Exquisite silky lavender-pink with clear blue halo surrounding a yellow blotch at center. Fine large double. The best pink Iris	.45	4.00	35.00
Purple and Gold. Rich violet-purple. Gold center. Double. Midseason	.20	1.75	15.00
Seacrest. Six large wavy white petals with a deep blue haft	.20	1.75	15.00
Uchiu. Cerulean blue, veined white. Gold center. Double.	.20	1.75	15.00
Violet Beauty. Single. Velvety pansy-violet with conspicuous yellow center. Large flowers	.35	3.00	.....
Mixed Seedlings 1000, $50.00	...	.75	6.00

Vaughan's Dahlias

In Vaughan's Gardening Illustrated are listed a number of newer varieties that are not listed in this catalog. If interested in getting any of these we offer to the trade a discount of 33⅓% on all varieties listed in Vaughan's Gardening Illustrated. This does not apply to any Special Offers listed therein; on these we offer a discount of 15%.

In the following list we offer varieties that we can supply in tubers of suitable size for planting. We advise early ordering to prevent disappointment in case the variety selected should be sold out.

KEY TO ABBREVIATIONS. F.D., Formal Decorative; I.D., Informal Decorative; S.C., Semi-Cactus; Str. C., Straight Cactus; S, Show.

PINK TONES

	Doz.	100
A. D. LIVONI. (S.) A beautiful soft pink with quilled petals	$0.75	$ 5.00
CLARA CARDER. (F.D.) A beautiful shade of Cyclamen pink. Blooms very large on strong stems. Vigorous grower	4.00	30.00
COUNTESS OF LONSDALE. (Str.C.) A delicate apricot, shading to carmine-pink. Good stem	1.50	10.00
DOROTHY STONE. (I.D.) A true deep shade of pink. A profuse bloomer	1.25	8.00
JERSEY'S BEAUTY. (F.D.) The most popular Dahlia. Lavender-pink. Fine stem and foliage	1.50	10.00
JOSEPHINE G. (S.C.) A beautiful true rose-pink flower with petals tipped yellow	2.50	18.00
MARSHALL'S PINK. (F.D.) Color a beautiful delicate pink. Jersey Beauty formation produced on long, stiff stems	1.50	10.00
MRS. ALFRED B. SEAL. (F.D.) Pure rich glowing old rose on perfect stem	1.50	10.00
MRS. IDE VER WARNER. (F.D.) Large flowers of deep mauve-pink. Can be grown to a diameter of 11 inches	.85	6.00
PEACH BEAUTY. (F.D.) A peach-colored variety. A free bloomer with medium sized flowers on strong long stems	2.00	15.00
TACOMA BEAUTY. (F.D.) Deep salmon-pink blended with strawberry-pink and shading to gold at base of petals. Profuse bloomer with long stems	2.00	15.00
W. H. T. (F.D.) A rich old rose with mauve shading on reverse. Flowers carried on strong stems	1.50	10.00

RED TONES

CITY OF CLEVELAND. (I.D.) Color bright scarlet, splashed with orange. Large blooms on strong stems	3.50	25.00
CITY OF WELLSTON. (F.D.) Rhodamine purple. Flowers of large size and perfect quality on long, straight stems	2.00	15.00
DWIGHT W. MORROW. (I.D.) A rich cardinal red of large size. Strong, robust grower	3.50	25.00
FOREST FIRE. (I.D.) Color lemon yellow and rich scarlet. Blooms large on strong stems. Strong grower	3.50	25.00
GERTRUDE BRINTON. (F.D.) True brick red. Large, well-shaped flowers carried on strong stems. Medium height	1.50	10.00
HILLCREST MANDARIN. (I.D.) A pirate red with amber reverse	3.00	20.00
JAMES KIRBY. (I.D.) A rich crimson of dazzling brilliancy. The plant is sturdy in growth	3.00	20.00
JANE ROSS. (I.D.) Bright crimson overlaid with velvety maroon. Flowers of large size, depth, and substance, keeping well on the bush or after cutting. It attains a height of 5 to 6 ft., with many branches, each terminating with a giant bloom held erect.	1.75	12.00
JERSEY'S BEACON. (F.D.) Chinese-scarlet with a paler reverse, giving a two-toned effect	1.25	8.00
KING OF THE BLACKS. (F.D.) Darkest rich velvety red, almost black. Compact, strong grower	3.00	20.00
MARS. (S.) Bright scarlet flowers of medium size	.60	4.00
MRS. C. D. ANDERSON. (S.) Rich, clear purple. Flowers large and almost round in form	1.25	8.00
MRS. L. L. HOOK. (F.D.) Blended shades of gorgeous purple, lighter on reverse. Beautiful, large blooms with wide pointed petals	1.50	10.00
MRS. GEO. L. BONTILLIER. (I.D.) A rich velvety carmine giant in size and outstanding in all respects	3.50	25.00
MRS. GEO. M. MIDDLETON. (I.D.) Extremely dark red color, nearest to a black Dahlia. A thrifty grower with good stems	3.50	25.00
MONMOUTH CHAMPION. (F.D.) A brilliant flame color. Free bloomer	1.50	10.00
MURPHY'S MASTERPIECE. (I.D.) A dark red shading toward garnet. It will withstand sun without fading or burning. Large blooms held on strong stems. A strong grower. **Each, 50c**	5.00	
OMAR KHAYYAM. (F.D.) A Chinese red at the base of petals shading to a bright orange with paler tips. Strong grower with large blooms on good stems	2.00	15.00
PRINCE OF PERSIA. (F.D.) Rich glowing crimson. Great size and substance. Strong grower	2.00	15.00
PORTHOS. (F.D.) Sparkling deep red of magnificent size	.85	6.00
QUEEN CITY. (F.D.) Color scarlet-pink or light cherry-red. Free and continuous bloomer	5.00	35.00
SUPREME KING. (F.D.) A bright, very pleasing color American Beauty rose. Of good substance and good keeper. Excellent plant growth, free bloomer, flowers 10 in. across, stems perfect	3.75	25.00
THE WORLD. (F.D.) A rich, deep rosy magenta overlaid garnet and with silver shadings on edge of petals	2.00	15.00

YELLOW TONES

AVALON. (I.D.) Clear yellow. Large flowers on long stems	1.25	8.00
BUCKEYE KING. (F.D.) A large glowing amber yellow on strong stems. Free bloomer and good grower	3.00	20.00
FRANK MILLER. (F.D.) Bright golden yellow. Large blooms held erect on stiff stems	1.50	10.00
GOLDEN ECLIPSE. (F.D.) A golden yellow shading to a center of warm salmon or flesh color. A vigorous grower and a good exhibition and cut flower variety	1.50	10.00
GOLD MEDAL. (S.) Deep golden yellow, tipped and suffused oriental red, splendid form	1.25	8.00
KAY FRANCIS. (S.C.) A light lemon yellow with fine shaped blooms on long stiff stems. Very free bloomer	3.00	20.00
MARY HELEN. A wonderful golden primrose. One of the best ball type. Large, perfect and fine stem	1.25	8.00
SON OF COMMODORE. (I.D.) A martin's yellow-white, white reverse. Blooms are large size	2.00	15.00
TOWERS EMPIRE. (I.D.) Color is clear gold with amber shadings. Stems are exceptionally long and straight holding the large blooms well above foliage. **Each, 50c.**	5.00	.....
YELLOW DUKE. (S.) Clear canary yellow. Very large and free bloomer with strong stem	1.25	8.00

WHITE TONES

	Doz.	100
JEAN KERR. (F.D.) A good commercial white much used by florists and in gardens where cut flowers are desired	$1.50	$10.00
MARGARET WOODROW WILSON. (I.D.) Face of petals creamy white, reverse Phlox-pink	.85	6.00
MAUDE ADAMS. (S.) Snowy white, overlaid clear delicate pink. Vigorous grower	1.25	8.00
STAR OF BETHLEHEM. (S.C.) Pure white with fine pointed petals and tight center. Free bloomer and will produce exhibition blooms	3.00	20.00
WHITE KING. (F.D.) A pure white large-flowering dahlia of fine form and substance with strong stems	1.50	10.00
WHITE WONDER. (I.D.) A truly white Fort Monmouth. The giant blooms are pure white with long twisted and curled petals	3.00	20.00

LAVENDER and VIOLET SHADES

CLARA BARTON. (F.D.) Face of petals silvery orchid, reverse of petals deep lavender. Good grower and strong stems	3.00	20.00
DADDY KEMP. (I. D.) Color is a rich violet red and plant is a robust grower	2.00	15.00
HARRY MAYER. (F.D.) A silver lavender with reverse of deep lavender. Sturdy growing habit and heavy texture	1.25	8.00
JEAN TRIMBEE. (I.D.) A rich deep petunia violet of immense size carried well above foliage on stiff stems	3.00	20.00
JESSIE CRAWFORD. (I.D.) A bright orchid or violet red, stems are long and straight and the plant is a splendid grower	3.50	25.00
KEMPS VIOLET WONDER. (I.D.) A rich Napthaline-violet with tone of royal purple	3.00	20.00
MARY ELLEN. (F.D.) Lavender pink, but more lavender than pink. Centers are closed the entire season, stems long and strong holding the bloom facing	1.25	8.00
SANHICAN'S BLUEBIRD. (I.D.) The outer petals at maturity are bright violet-blue, while the center retains the violet tint, the nearest approach to a blue dahlia	2.00	15.00
THOMAS A. EDISON. (F.D.) A royal purple with a brilliant rich finish. The size is large and the petals are of a stag-horn formation	3.00	20.00

ORANGE TONES

HILLCREST FLUFFY RUFFLES. (I.D.) The color is a soft apricot. The blooms are extra large and the petals are fluffy and curled	2.00	15.00
KENTUCKY. (F.D.) A brilliant salmon. A thrifty grower and prolific bloomer	1.75	12.00
ORIENTAL GLORY. (I.D.) Color is a cadmium orange overlaid with scarlet. Center and reverse heavily shaded scarlet. Very free bloomer	3.00	20.00
ROSE FALLON. (F.D.) Dark orange tinted with amber and salmon and both pleasing and effective. Strong grower	1.50	10.00
RUDY VALLEE. (S.C.) Reddish apricot, gold center. Good sized flowers held well above foliage on straight stem	3.50	25.00
SAGAMORE. (F.D.) A golden color, shaded toward the center with warm salmon-rose or orange-buff	1.50	10.00

AUTUMN TONES

A Combination of Several Colors

BARBARA REDFERN. (F.D.) A delightful blend of old rose and gold, of immense size and depth	1.50	10.00
EDNA FERBER. (S.C.) Glistening coral, shading to rose. Large perfect flowers on fine stems	2.00	15.00
JANE COWL. (I.D.) A large flower of a warm buff and old gold blending to a bright salmon at the center	1.50	10.00
MYRA HOWARD. (I.D.) A glowing combination of yellow, cadmium and gold with tints of salmon	1.50	10.00

POMPONS

ANNA VON SCHWERIN. Delicate light pink blending to nearly white center	.75	5.00
BACCHUS. Clear, bright red, rounded and full	.75	5.00
CATHERINE. Bright yellow, good form and stem	.75	5.00
EDITH MUELLER. A bright cerise-pink. A fine cutting variety.	1.50	10.00
EUREKA. Yellow, shading to bronze	.75	5.00
JOE FETTE. Pure white	1.25	8.00
LITTLE HERMAN. Cardinal red shaded maroon tipped white.	.75	5.00
NORA REYNOLDS. Indian red	.85	6.00
ROSA WILMOTH. Small fine formed rose-pink	.75	5.00
SNOWCLAD. Pure white, one of the best	.75	5.00
S. VON GLITTER. Rose-red blended with yellow	.85	6.00
YELLOW GEM. One of the best yellow pompons	.85	6.00

MINIATURE DAHLIAS

BABY BEAUTY. Violet rose shaded bright rose	3.00	20.00
BABY ROYAL. Salmon pink and apricot with gold shadings. Very free bloomer	1.25	8.00
FAIRY. A violet-rose shading mauve at tips	1.50	10.00

DWARF DAHLIAS

For Forcing and the Garden

GERTRUDE. Clean sulphur yellow. Good size, very compact, either as a pot plant or in the border	2.00	15.00
KATE. Bright orange scarlet, a formal decorative	3.00	20.00
MARIE. Pure waxy white blooms held erect on good stems	3.50	25.00
URSELLA. An intense crimson, informal decorative with carmine reverse	2.00	15.00

SINGLE DAHLIA

AMERICAN GEM. A brilliant geranium red with heavy cluster of deep yellow stamens in center	.75	5.00

Un-Named Dahlias

DOUBLE DAHLIAS TO COLOR. Good varieties in red, pink, white, yellow, variegated and lavender, strong divisions of field roots, per 1,000, **$45.00**	.75	5.00
Mixed strong division, per 1,000, **$30.00**	.50	3.50

Less than six tubers at double the 100 rate.

Roses for Florists

PATENTED ROSE DOUBLOONS

THE Best Grade Field Grown Roses. Each variety grown by a specialist using the correct method to produce the highest quality. We have listed only the varieties considered best, but we control large stocks of all the popular varieties and will be glad to quote you on your requirements.

PRICES listed are for two-year No. 1, field grown, dormant plants.

Five or more of one variety take the 10 rate; 25 or more of one variety take the 100 rate.

All prices are F. O. B., Western Springs, Ill., packing charges to be added at cost. Subject to change without notice.

Hybrid Tea Roses

PRICES of the following: Each, **40c**; 10, **$3.50**; 100, **$30.00.**

AMI QUINARD. Semi-double flowers of velvety crimson-maroon with a soft black luster. Vigorous grower; free bloomer; fragrant.

AUTUMN. Cupped double flowers of novel coloring, burnt orange streaked with red.

BETTY UPRICHARD. Semi-double, salmon-pink flowers stained with copper-pink on the outside.

DAME EDITH HELEN. Large, perfectly shaped rose of clear pink. Sweet scented and freely produced on long, strong stems.

DUCHESS OF WELLINGTON. Long saffron yellow buds opening to very large light yellow flowers.

EDITH NELLIE PERKINS. Buds long and pointed, petals cream and blush and salmon pink shaded to golden orange at base.

E. G. HILL. Long, perfectly formed buds and full double flowers of dazzling scarlet.

ETOILE D'HOLLANDE. A brilliant dark red rose of magnificent size and perfect form; very fragrant.

GRUSS AN TEPLITZ. Brilliant red. One of the most prolific bloomers of all.

JOANNA HILL. A creamy yellow rose with an orange heart. Large, long pointed buds on long, strong stems; vigorous.

KAISERIN AUGUSTE VIKTORIA. Delicate creamy white flowers of beautiful form.

LADY ALICE STANLEY. Extra good garden rose; very double, large silvery pink, very disease free.

MARGARET McGREDY. A most magnificent rose. Flowers are large, quite double, and in color a glorious shade of brilliant orange scarlet.

MME. BUTTERFLY. A glorified sport of Ophelia with all the colors of Ophelia intensified, making it a harmony of bright pink, apricot and gold.

MME. CAROLINE TESTOUT. Large flowers of satin rose, shaded lighter towards the edge of enormous petals. A persistent bloomer.

MRS. CHARLES BELL. (Shell-Pink Radiance.) Beautiful salmon-shell-pink. Has all the excellent qualities of Radiance.

MME. EDOUARD HERRIOT. Large semi-double flowers of brilliant orange-red and salmon.

MME. JULES BOUCHE. Very popular garden variety, always in bloom. White sometimes lightly tinted pink. Fragrant.

McGREDY'S SCARLET. Large flowers of brilliant rose-red with scarlet sheen.

MRS. E. P. THOM. Fine long buds opening into perfectly shaped flowers of rich lemon-yellow.

MRS. HENRY BOWLES. Well formed, fragrant flowers of brilliant pink with salmon shadings.

RADIANCE. Bright rose-pink, shining flowers of wonderful shape and fragrance, very popular.

RED RADIANCE. A bright, cheerful and even shade of pure red; size, foliage, growth and habit same as in the parent "Radiance."

SOUV. DE CLAUDIUS PERNET. The most popular clear yellow rose.

TALISMAN. A remarkable blending of gold, apricot, yellow, deep pink and old rose.

Famous Hybrid Tea Roses

PRICES of the following, except where noted: Each, **45c**; 10, **$4.00**; 100, **$35.00.**

CALEDONIA. Long pointed buds opening into very large, double, high centered, snowy white blooms.

CONDESA DE SASTAGO. Spectacular rose of fiery copper on the inside and yellow on the reverse. Each, **50c**; 10, **$4.50**; 100, **$40.00.**

DUQUESA DE PENARANDA. Large double flowers of cinnamon-peach color, darker in fall. Each, **50c**; 10, **$4.50**; 100, **$40.00.**

EDITOR McFARLAND. Clear brilliant pink on long cutting stems. Extra fine.

GOLDEN DAWN. Very double, fragrant flowers of soft lemon yellow. Very fine garden variety.

HINRICH GAEDE. Rich, reddish burnt-orange, eventually turning to soft orange-pink. Its unusual beauty attracts much attention. Each, **50c**; 10, **$4.50**; 100, **$40.00.**

LEONARD BARRON. Mammoth flowers of salmon with an amber glow. Extremely hardy.

MME. JOSEPH PERRAUD. (New.) Long, slender pointed, nasturtium orange buds which open to sweetly fragrant flowers of a charming nasturtium buff, flushed pink at the margins. Each, **60c**; 10, **$5.50**; 100, **$50.00.**

MRS. PIERRE S. DU PONT. Reddish gold buds opening into unfading deep golden yellow flowers. Fragrant, always in bloom.

MRS. SAM McGREDY. A beautiful new variety, coppery scarlet-orange, flushed dull red.

PINK DAWN. Extra long buds of glistening rose-pink, excellent for cutting. Heavy bloomer. Each, **60c**; 10, **$5.00**; 100, **$45.00.**

PRESIDENT HERBERT HOOVER. A lovely blending of orange-yellow, flame, vivid rose-pink and scarlet.

ROUGE MALLERIN. Fragrant, long lasting, full double blooms of rich glowing scarlet which does not fade or blue. Strong, vigorous grower. Each **50c**; 10, **$4.50**; 100, **$40.00.**

SOUTHPORT. Fine flowers of an exceeding brilliant scarlet which is unaffected by the weather. Very showy and probably the most brilliant of all scarlet roses. Each, **50c**; 10, **$4.50**; 100, **$40.00.**

SOUV. DE MME. C. CHAMBARD. Large, perfectly formed flowers of coral-pink, tinted peach.

VICTORIA HARRINGTON. A gorgeous new velvety red, with pointed petals that, when fully open, give it the appearance of a beautiful chrysanthemum. Each, **60c**; 10, **$5.00**; 100, **$45.00.**

PATENTED ROSES

These "Patented Plants" are being handled under license from the patent owners. They are for resale at retail only at the established retail prices.

Amelia Earhart. (Patent No. 63.) Large ovoid bud, cream with blushes; flowers very full, graduating from a deep yellow center to an outer collarette of large cream petals with a blush overtone; fragrant. Each, **75c**; 10, **$7.00**; 100, **$60.00.**

Angels Mateau. (Patent No. 174.) Enormous, full double, deliciously fragrant flowers of an extraordinary color of orange old-rose. Strong plants with healthy foliage. Each, **85c**; 10, **$7.50**; 100, **$60.00.**

Apricot Glow. (Patent Applied For.) A magnificent climber with large trusses of medium size, double flowers of a bright apricot color shading yellow at the base. Strong grower and profuse bloomer. Each, **60c**; 10, **$5.50**; 100, **$50.00.**

Blaze. Cl. (Patent No. 10.) A new hardy climbing rose which inherits the blazing color in Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz. Each, **60c**; 10, **$5.50**; 100, **$50.00.**

Countess Vandal. (Patent No. 38.) The Rose of Roses! Long pointed bud of bronze copper-salmon and gold; open often 5 inches across; perfumed. Long stems. Each, **60c**; 10, **$5.50**; 100, **$50.00.**

Crimson Glory. (Patent No. 104.) Large umshaped buds and well formed flowers of vivid crimson shaded ox-blood red. Vigorous branching growth. Each, **60c**; 10, **$5.50**; 100, **$50.00.**

Dickson's Centennial. (Patent No. 223.) New red rose with long pointed buds opening to rich strawberry red with velvety sheen and lustrous shading of deeper red and black. Each, **60c**; 10, **$5.50**; 100, **$50.00.**

Doubloons. Cl. Setigera Hyb. (Patent No. 152.) A vigorous climber with heavy wood and handsome glossy foliage. When in bloom the whole plant is covered with large, double, rich golden buff blooms, fading but little; fragrant. Gives two liberal crops six weeks apart if the first spring blossoms have not been cut. Each, **$1.00**; 10, **$9.00**; 100, **$75.00.**

Eclipse. (Patent No. 172.) International Rose sensation of last year. The long streamlined buds are of rich gold without shading. Petals are large and tough, averaging 20 to 25 with more in autumn. Comes with slogan "It Eclipses 'em All." Each, **75**; 10, **$7.00**; 100, **$60.00.**

Federation. Cl. (Patent Applied For.) A Rosa Setigera Hybrid of great hardiness. Large quantities of charming cup-like semi-double blooms of lively brilliant and sparkling rose-pink with lighter center and orange undertone. Sweet-scented, excellent for cutting, disease-resistant foliage. Each, **$1.10**; 10, **$10.00.**

Feu Pernet Ducher. (Patent No. 103.) Large, very double flowers with rich golden yellow shadings, sometimes tinged with pink. Plants are strong and continuously in bloom. Each, **65c**; 10, **$6.00**; 100, **$50.00.**

Gloaming. (Patent No. 137.) A cut-flower variety. Large buds are carried on long rigid stems, with handsome foliage. The bloom is full, well formed and long lasting, either cut or on the plant, color a soft satin pink suffused with salmon and amber. Delightful fragrance. Each, **60c**; 10, **$5.50**; 100, **$50.00.**

Golden Main. (Patent No. 254.) The purest yellow rose we have seen. Medium-large blooms with many, but small petals, giving it the rounded form of a Peony. Each, **75c**; 10, **$7.00**; 100, **$60.00.**

Golden State. (Patent Applied For) Long stemmed very double, long lasting cut flowers of unfading golden yellow on vigorous healthy plants. Each, **$1.10**; 10, **$10.00**; 100, **$75.00.**

Hercules. Cl. (Patent Applied For.) A Rosa Setigera Hybrid of great hardiness. Huge flowers, 5 to 6 inches across of clear, deep rose-pink that will equal the finest Hybrid Tea Rose. Flowers abundantly. Attractive rich bronzy green leaves. Each, **$1.40**; 10, **$12.50**; 100, **$100.00.**

Mabelle Stearns. (Patent Applied For.) Rosa Setigera Hybrid Dooryard Rose. Very hardy plants growing 2 feet high and spreading 6 to 8 feet or more if permitted. The full double flowers of peach-blossom-pink are produced in panicles from June until frost. Rich green healthy foliage. Each, **$1.40**; 10, **$12.50.**

Mme. Cochet—Cochet. (Patent No. 129.) Beautiful new Rose with long-pointed buds and fine flowers of coppery pink, flushed orange. Free blooming. Each, **65c**; 10, **$6.00**; 100, **$50.00.**

McGredy's Pink. (Patent right reserved.) Beautiful bright pink enlivened with salmon and rose. Large sweet-scented blooms on stiff stems. A fine exhibition and garden rose. Each, **$1.00**; 10, **$9.00**; 100, **$75.00.**

McGredy's Sunset. (Patent Pending.) Soft yellow flushed with orange and scarlet as it opens. Color is intensified as blooms expand and is at its best when fully opened. Full shapely flowers freely borne on strong upright stems. Excellent in hot weather. Each, **$1.00**; 10, **$9.00**; 100, **$75.00.**

McGredy's Triumph. (Patent No. 190.) A real triumph in color, size, form and plant. Very large full flowers of perfect shape, geranium-red flushed orange. Each, **$75c**; 10, **$7.00**; 100, **$60.00.**

R.M.S. Queen Mary. (Patent No. 249.) Sensational new garden rose. Its color is a glorious blend of rich glowing salmon and exquisite pure pink, with an orange base. Long pointed buds and large flowers of beautiful form. Each, **$1.00**; 10, **$9.00**; 100, **$75.00.**

Rochester. (Patent No. 131.) Seedling of Rev. F. Page Roberts and Echo. A lovely constant flowering bedder. Color of bud is like Roberts, but with more distinct carmine markings on the reverse and more blush in the open flower. Each, **50c**; 10, **$4.50**; 100, **$40.00.**

Rome Glory. (Patent applied for.) Best described as a red Dame Edith Helen. A very hardy, robust and vigorous plant. Produces large, full, well-formed, fragrant cerise-red blooms on long stems. Flowers long lasting on the plant or when cut. Each, **$1.00**; 10, **$9.00**; 100, **$75.00.**

Signora. (Patent No. 201.) This rose is a real masterpiece. Long bud of a warm burnt sienna opening to a lighter hue toward mandarine. Has handsome foliage and long stems for cutting. Each, **75c**; 10, **$7.00**; 100, **$60.00.**

Sterling. (Patent No. 21.) Beautiful clear pink flowers with orange base; bud pointed and very lasting when cut. It is a vigorous grower, has disease-resistant foliage and blooms very freely. Each, **75c**; 10, **$6.00**; 100, **$50.00.**

Texas Centennial. (Patent No. 162.) A sport of President Hoover with all its wonderful plant qualities. Color is blood red toning to cerise red in center. Most striking new red of unusual color. Each, **50c**; 10, **$4.50**; 100, **$40.00.**

The New Dawn. Cl. (Patent No. 1.) A sport from Dr. Van Fleet, identical in size, color, etc., but blooms continuously summer and fall. Each, **$1.00**; 10, **$8.50**; 100, **$75.00.**

ROME GLORY

PATENTED ROSES—Continued

White Briarcliff. (Patent No. 108.) Of perfect form, plant branching and a continuous bloomer. The best white rose to date for all purposes. Each, **60c; 10, $5.50; 100, $50.00.**

Will Rogers (Patent Applied For.) Fine blooms of black crimson maroon which holds well. Very vigorous and has a really intense old rose fragrance. Each, **65c; 10, $6.00.**

Hardy Hybrid Perpetual Roses

PRICES of the following, except where noted; 2-year, No. 1, Each, **40c; 10, $3.50; 100, $30.00.**

FRAU KARL DRUSCHKI (White American Beauty). The best white.

GEN. JACQUEMINOT. Bright shining crimson.

MAGNA CHARTA. Very double bright pink.

MRS. JOHN LAING. Bright shining pink.

ULRICH BRUNNER. Cherry crimson.

Standard or Tree Roses

We can offer the following varieties on heavy straight stems, 3 to 3½ ft. high. Price, **$2.00** each. **Bonfire, E. G. Hill, Etoile de Holland, Hinrich Gaede, Joanna Hill, Mme. Jules Bouche, Mrs. E. P. Thom, Mrs. Henry Bowles, Paul's Scarlet Climber, Radiance, Talisman.**

POT GROWN ROSES

From May 1st on we can supply practically all varieties listed from 5-inch pots, in leaf and in bud, at reasonable prices. We shall be glad to quote on any quantity.

Polyantha and Baby Roses

PRICES of the following: Each, **40c; 10, $3.50; 100, $30.00.**

BRILLIANT ECHO. An improved Echo of a uniform rosy-pink color.

CAMEO. A new and distinct color of shell pink and salmon with a glow of gold. Large sprays in continuous succession.

CECILE BRUNNER. Exquisite buds opening to clusters of light pink blooms diffused to cream at base. Also called "Sweetheart Rose." Each, **45c; 10, $4.00; 100, $35.00.**

CRIMSON BABY RAMBLER. Still a favorite. Light crimson flowers in clusters of 30 to 40.

GLORIA MUNDI. New. Double, lasting flowers of glowing orange-scarlet, borne in large clusters.

GOLDEN SALMON. Bright orange-salmon flowers in huge clusters. Blooms continuously.

IDEAL. Decidedly an outstanding variety, flowers brilliant garnet-red, keeping their color well.

MRS. R. M. FINCH. Fragrant clusters of large double rose-pink flowers. Vigorous. Each, **45c; 10, $4.00; 100, $35.00.**

TRIOMPHE ORLEANAIS. Brilliant cherry-red, lasting in color; blooms profusely in trusses. Considered the finest of the light red Polyanthas.

PATENTED ROSE BLAZE

Climbing Roses

PRICES, except where noted, Each, **40c; 10, $3.50; 100, $30.00.**

AMERICAN PILLAR. Large single flowers of clear pink with white eye, borne in immense clusters. Each, **30c; 10, $2.50; 100, $20.00.**

BONFIRE. Best red rambler. Many heavy trusses of small double crimson-scarlet blooms.

CHAPLIN'S PINK CLIMBER. A vivid, pure pink Paul's Scarlet Climber.

CLIMBING AMERICAN BEAUTY. Large double rosy crimson, flowers freely produced in June.

DOROTHY PERKINS. The best of the pink ramblers. Each, **35c; 10, $3.00; 100, $25.00.**

DR. W. VAN FLEET. A delicate shade of flesh-pink, deepening in the center.

EXCELSA (Red Dorothy Perkins). Large full trusses of light crimson flowers.

MME. GREGOIRE STAECHELIN. Enormous blooms of iridescent pearl-pink, splashed carmine.

PAUL'S SCARLET CLIMBER. Large, well-shaped flowers of a vivid scarlet-red that does not fade.

PRIMROSE. Large, double flowers of a soft, rich primrose yellow, borne in clusters of 4 and 5.

SCORCHER. Handsome vermilion flowers covering the plant in great profusion.

SILVER MOON. Beautiful, fragrant, semi-double flowers 4½ inches and over, of creamy white.

WHITE DOROTHY. The counterpart of the Pink Dorothy Perkins, except color, being pure white. Each, **35c; 10, $3.00; 100, $25.00.**

See "Patented Roses" for other varieties.

Vaughan's Peonies

5 of a Kind at the 10 Rate

25 of a Kind at the 100 Rate

Since September is the best time to plant these, we have put only a few varieties in storage and can only supply them in divisions from 3 to 5 eyes while the stock lasts.

WHITE AND LIGHT SORTS

	Each	10	100
7.8 **Duc de Wellington.** Very large, well-formed sulphur-white bloom, stems very firm and long	$0.20	$1.50	$12.00
9.2 **E. B. Browning.** A very large white. Late	.50	4.00	.....
9.1 **Frances Willard.** Exquisite blush-white, of good substance and a fine cut-flower variety	.40	3.50	30.00
8.9 **Jubilee.** Very large ivory-white; early	.40	3.00	25.00
8.3 **La Rosiere.** White with cream-white center; semi-double; midseason	.30	2.50	15.00
7.9 **Madame de Verneville.** Delicate rose-white, very desirable. June rose fragrance. Early	.20	1.50	12.00

LIGHT AND DARK PINK AND ROSE

7.6 **Edulis Superba.** Bright clear mauve-pink with silvery reflex; fragrant. This variety is usually in bloom by Decoration Day	.20	1.50	12.00
7.5 **Floral Treasure.** Large showy, pale lilac rose. Good commercial variety. Midseason	.20	1.50	12.00
7.9 **Jeanne d' Arc.** Soft pink, intermingled with petals of bright pink and sulphur-yellow	.20	1.20	10.00
8.4 **Marguerite Gerard.** Very pale hydrangea-pink	.30	2.50	15.00
9.2 **Mons. Jules Elie.** Immense early pink	.30	2.50	18.00

RED AND CRIMSON

	Each	10	100
8.4 **Felix Crousse.** Good red for florists. Late mid-season	$.20	$1.80	$15.00
9.0 **Longfellow.** Bright crimson. Semi-rose type; tall; late midseason	.40	3.50	30.00
7.5 **Marescha l Valliant** (Grandiflora Rubra). Light red, resembling the American Beauty Rose. Late	.20	1.50	12.00
8.6 **Officinalis Rubra Plena.** Old-fashioned early red usually in bloom by Decoration Day	.50	4.00	35.00

Tenuifolia Flora Plena. (Double Fern-leaf Peony.) Brilliant dark crimson. Very early. Each, **$1.25; 10, $10.00.**

UN-NAMED PEONIES—Divided Roots of from 3 to 5 Eyes

	Each	10	100
Double Pink	$0.15	$1.00	$ 8.00
Double White	.15	1.20	9.00
Double Red	.20	1.25	10.00
Double Mixed	.15	1.00	6.00

PEONIES IN CASE LOTS

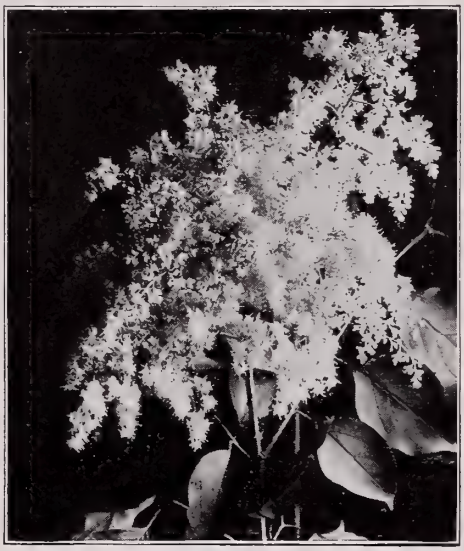
These cases are especially packed for the Florist Trade, and contain 50 double white, 75 double pink, and 75 double red, each color separate—200 roots in all; 3 to 5 eye divisions.

Price per case, $15.00. (Value, $18.00.) We cannot divide cases.

Ornamental and Flowering Shrubs

Warning—Prices on all nursery stock subject to change without notice. 5 plants of one kind supplied at 10 rate. 25 plants of one kind supplied at 100 rate.

PHILADELPHUS Virginalis



LILAC Japonica (Japanese)

SALIX DISCOLOR Pussy Willow

OUR shrubs are nursery-grown and are transplanted every two or three years. They are nice, shapely bushes with plenty of good fibrous roots, and are such plants as are in demand by the first class retail trade. They should not be compared to stock that is never moved from the cutting or seeding beds until sold.

Our Nursery is located at Western Springs, 15 miles west of Chicago, on the C. B. & Q. R. R., two blocks south of 47th Street, on Wolf Road.

Visitors are invited to inspect our stock at any time. We have a choice lot of specimens such as are not usually seen. Our customers will be pleased with the class of stock we send them.

Shipping Directions: All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits, trees, evergreens, and vines, at cost. Always give full and explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. **All trees, shrubs and plants shipped subject to customer assuming risk regarding their own State Nursery Inspection Regulations. Certificate furnished with each shipment.**

Where personal selection of stock is made at our Nursery we charge according to its value.

	Each	10	100
ACANTHOPANAX Pentaphyllum. 2 to 3 ft.	$0.30	$2.50	$20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
ALMOND. See Prunus glandulosa.			
ALTHAEA. See Hibiscus.			
AMORPHA Fruiticosa. 2 to 3 ft.	.25	1.80	15.00
3 to 4 ft.	.30	2.00	18.00
ARONIA Melanocarpa Nigra. 2 to 3 ft.	.45	4.00	35.00
3 to 4 ft.	.55	5.00	40.00
AZALEA Kaempferi (Torch A.). 15 to 18 in., B. & B.	1.35	12.50	.....
Mollis (Chinese Azalea)	1.00	9.00	.....
12 to 15 in., B. & B. 9 to 12 in., B. & B.	.75	6.50	.....
15 to 18 in., B. & B.	1.50	12.50	.....
18 to 24 in., B. & B.	2.00	17.50	.....
Vaseyi (Pinkshell A.) 15 to 18 in., B. & B.	1.50	.....	.....
BERBERIS Koreana (Korean Barberry). 15 to 18 in.	.35	3.00	20.00
18 to 24 in.	.40	3.50	.....
Mentorensis. (Patent No. 99) (New Evergreen Barberry). 15 to 18 in.	.35	2.80	20.00
18 to 24 in.	.50	3.35	25.00
Thunbergii. 18 to 24 in.	.25	1.75	16.00
24 to 30 in.	.30	2.50	22.50
Thunbergii Atropurpurea. 15 to 18 in.	.30	2.50	20.00
18 to 24 in.	.40	3.00	27.50
24 to 30 in.	.50	4.00	.....
Thunbergi Pluriflora Erecta (Truehedge Columnberry). (Patent No. 110) 15 to 18 in.	.30	2.25	18.50
18 to 24 in.	.40	2.80	24.00
Prices on Berberis Mentorensis and Berberis Pluriflora Erecta are f. o. b., Painsville, Ohio.			
BUDDLEIA Alternifolia. 18 to 24 in.	.40	3.00	25.00
Fortune. (Patent No. 206). Field grown	.50	3.50	25.00
Hartwegi. Field grown	.30	2.75	25.00
Charming (New Pink). Field grown	.50	4.00	35.00
Ile de France. 2-year. No. 1	.30	2.50	20.00
CALYCANTHUS Floridus (Sweet Shrub). 18 to 24 in.	.30	2.00	.....
CARAGANA Arborescens. 2 to 3 ft.	.20	1.20	10.00
3 to 4 ft.	.25	1.50	12.00
4 to 5 ft.	.30	2.00	15.00
5 to 6 ft.	.35	2.50	20.00
CHIONANTHUS Virginica. 3 to 4 ft.	.60	5.00	.....
4 to 5 ft.	.80	7.00	.....
CORNUS Alba Sibirica (Coral Dogwood). 2 to 3 ft.	.20	1.75	14.00
3 to 4 ft.	.25	2.00	16.00
Amomum. 2 to 3 ft.	.20	1.75	14.00
3 to 4 ft.	.25	2.00	16.00
Florida Rubra. See page 65.			
Mas (Cornelian Cherry). 2 to 3 ft.	.50	4.50	.....
Mas Aureo Elegantissima. (Variegated Cornelian Cherry.) 2 to 3 ft.	.40	3.75	.....

CORNUS—Continued	Each	10	100
Paniculata. 2 to 3 ft.	$0.35	$2.50	$20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.45	3.50	.....
Stolonifera Flaviramea. (Goldentwig Dogwood).			
2 to 3 ft.	.25	1.75	15.00
3 to 4 ft.	.30	2.00	17.50
COTONEASTER Acutifolia. 2 to 3 ft.	.30	2.75	25.00
3 to 4 ft.	.35	3.00	27.50
Dielsiana. 3 to 4 ft.	.40	3.00	27.50
Divaricata. 2 to 3 ft.	.40	3.50	25.00
2 to 3 ft. B. & B.	.60	5.50	.....
3 to 4 ft.	.50	4.00	30.00
3 to 4 ft., B. & B.	.75	6.50	.....
4 to 5 ft.	.60	4.50	35.00
Horizontalis. 15 to 18 in., B. & B.	.90	8.00	75.00
18 to 24 in., B. & B.	1.25	10.00	.....
24 to 30 in., B. & B.	1.50	12.50	.....
CRAB, See Malus, page 65.			
CRATAEGUS. See page 65.			
CYDONIA Japonica. 18 to 24 in.	.25	2.00	17.50
2 to 3 ft.	.35	3.00	25.00
DAPHNE Cneorum. 8 to 9 in., B. & B.	.50	4.50	.....
9 to 12 in., B. & B.	.75	7.00	60.00
Mezereum (February D). 15 to 18 in., B. & B.	1.25	11.50	.....
DEUTZIA Gracilis. 15 to 18 in.	.30	2.50	.....
Lemoinei. 18 to 24 in.	.30	2.50	.....
Pride of Rochester. 3 to 4 ft.	.25	2.00	17.50
ELAEAGNUS Angustifolia. 3 to 4 ft.	.35	3.00	.....
Argentea (Silverberry) 3 to 4 ft.	.50	4.00	.....
Umbellata (Autumn E). 3 to 4 ft.	.40	3.00	20.00
ELSHOLTZIA Stauntoni. (Heathermint). 15 to 18 in.	.50	4.00	.....
EUONYMUS Alatus (Burning Bush). 3 to 4 ft.	.60	5.00	.....
Alatus Compacta. 24 to 30 in.	.50	4.50	.....
2½ to 3 ft.	.75	6.00	.....
3½ to 4 ft.	1.00	9.00	.....
4 ft., B. & B.	1.50	.....	.....
Europaeus (European Burning Bush). 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.45	4.00	35.00
EUONYMUS. (Winter Creeper.)			
Radicans Colorata. (Bronze Winter Creeper.) Foliage bright red during the winter months. 2-year.	.30	2.50	20.00
Radicans Vegetus. (Bigleaf Wintercreeper.) A trailing evergreen vine with large leaves. Excellent as a ground-cover and for use with evergreens. Orange-scarlet berries in fall. 12 to 15 in.	.60	5.00	.....
15 to 18 in., B. & B.	1.00	9.00	.....
EXOCHORDA Grandiflora. 3 to 4 ft.	.35	2.50	.....
4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	30.00

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ORNAMENTAL SHRUBS—Continued.	Each	10	100
FORSYTHIA Intermedia. 2 to 3 ft.	$0.20	$1.50	$12.00
3 to 4 ft.	.25	1.75	14.00
4 to 5 ft.	.30	2.00	16.00
5 to 6 ft.	.35	2.25	20.00
Intermedia Spectabilis. 2 to 3 ft.	.20	1.80	15.00
3 to 4 ft.	.30	2.50	20.00
Ovata. 2 to 3 ft.	.50	4.50	.....
Suspensa Fortunei. 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	2.00	17.50
4 to 5 ft.	.30	2.25	20.00
HAMAMELIS Vernalis. (Winterblooming Witch Hazel.) 2 to 3 ft.	.75	6.00	.....
3 to 4 ft.	1.00	9.00	.....
4 to 5 ft.	1.50	.....	.....
5 to 6 ft., specimens, B. & B.	2.25	.....	.....
Virginica. (Witch Hazel.) 2 to 3 ft.	.40	3.50	.....
3 to 4 ft.	.50	4.50	.....
HIBISCUS Syriacus (Rose of Sharon), (Althaea).			
Double Purple, Pink, Red or White. 3 to 4 ft.	.30	2.50	20.00
Single Red, Purple, or White. 3 to 4 ft.	.30	2.50	20.00
HYDRANGEA. Arborescens Grandiflora.			
2-year, 18 to 24 in.	.30	2.75	25.00
3-year, 2 to 3 ft.	.35	3.00	.....
Paniculata Grandiflora. 2-year, 18 to 24 in.	.30	2.75	25.00
3-year, 2 to 3 ft.	.35	3.00	.....
Tree Form. Stem 3 to 4 ft.	.90	.....	.....
Quercifolia. (Oakleaf H.) 18 to 24 in.	.50	4.50	.....
2 to 3 ft.	.75	6.50	.....
ILEX Opaca (American Holly). 3 to 4 ft., B. & B.	3.50	.....	.....
Opaca Femina. Grafted, 12 to 15 in., B. & B.	1.25	.....	.....
ILEX Verticillata. (Common Winterberry.) 2 to 3 ft.	.45	4.00	35.00
3 to 4 ft.	.50	4.50	.....
KALMIA Latifolia (Mountain Laurel). 18 to 24 in., B. & B.	1.75	.....	.....
KERRIA Japonica fl. pl. 18 to 24 in.	.50	4.50	.....
KOLKWITZIA Amabilis. 3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
5 to 6 ft.	.75	6.00	50.00
LIGUSTRUM Amurense. (Amoor Privet, North.)			
18 to 24 in., 3 canes 1,000, $50.00	...	.75	6.00
18 to 24 in., heavy, 2-yr. cut back	...	1.00	7.00
2 to 3 ft., 3 canes	...	.80	7.00
2 to 3 ft., heavy, 2-yr. cut back 1,000, $80.00	...	1.00	8.50
3 to 4 ft., heavy, 2-yr. cut back	...	1.50	12.00
Ibolium. 18 to 24 in., 3 canes	...	.90	7.00
2 to 3 ft., 2-yr. heavy	...	1.00	8.50
2 to 3 ft., 8 canes and up	.20	1.75	15.00
3 to 4 ft., extra heavy, 10 canes up	...	2.00	17.50
Ibota. 18 to 24 in., 2-yr. heavy	...	1.00	7.00
2 to 3 ft., 2-yr. heavy	...	1.50	12.00
3 to 4 ft., 2-yr. heavy	...	1.75	15.00
Ibota Regelianum. 18 to 24 in.	.30	2.75	25.00
2 to 3 ft.	.40	3.50	30.00
Lodense (Dwarf Privet). 12 to 15 in.	...	3.00	25.00
Chinese Elm Hedging—See Ulmus Pumila under Trees, page 66.			
LILAC, See **Syringa.**			
LONICERA (Bush Honeysuckle).			
Bella Albida. 3 to 4 ft.	.25	2.00	15.00
4 to 5 ft.	.30	2.00	18.00
5 to 6 ft.	.40	2.50	20.00
6 to 8 ft.	.50	3.00	25.00
Fragrantissima (Winter Honeysuckle). 18 to 24 in.	.25	2.00	.....
Korolkowi Floribunda. 2 to 3 ft.	.40	3.50	.....
Maacki Podocarpa. (Late Honeysuckle.) 3 to 4 ft.	.40	3.50	.....
4 to 5 ft.	.50	4.00	35.00
Morrowii. 3 to 4 ft.	.25	2.00	17.50
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	2.75	22.50
Ruprechtiana. 3 to 4 ft.	.20	1.50	.....
4 to 5 ft.	.30	2.00	17.50
5 to 6 ft.	.35	3.00	20.00
Tatarica Alba. 3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00
5 to 6 ft.	.35	3.00	25.00
Tatarica Rosea. 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	2.75	22.50
MAHONIA Aquifolium. (Oregon Hollygrape.)			
12 to 15 in., B. & B.	.50	4.00	.....
15 to 18 in., B. & B.	.60	5.00	45.00
18 to 24 in., B. & B.	1.00	9.00	75.00
PHILADELPHUS Avalanche (Syringa). 2 to 3 ft.	.25	1.75	15.00
3 to 4 ft.	.30	2.00	18.00
Banniere. 2 to 3 ft.	.30	2.50	.....
3 to 4 ft.	.35	3.00	.....
Bouquet Blanc. 2 to 3 ft.	.30	2.00	18.00
3 to 4 ft.	.35	2.50	20.00
Coronarius. 3 to 4 ft.	.20	1.75	14.00
4 to 5 ft.	.25	2.00	16.00
5 to 6 ft.	.30	2.50	18.00
6 to 8 ft.	.35	2.75	20.00
Favorite. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.50	25.00
Glacier. 3 to 4 ft.	.40	3.50	25.00
Grandiflorus. 3 to 4 ft.	.20	1.75	14.00
4 to 5 ft.	.25	2.00	16.00
5 to 6 ft.	.30	2.50	18.00
6 to 8 ft.	.35	2.75	20.00
Lemoinei. 2 to 3 ft.	.25	1.75	15.00
3 to 4 ft.	.30	2.00	18.00
Mont Blanc. 3 to 4 ft.	.25	1.75	15.00
4 to 5 ft.	.30	2.00	18.00

PHILADELPHUS—Continued.	Each	10	100
Norma. 2 to 3 ft.	$0.30	$2.50	$20.00
3 to 4 ft.	.40	3.00	25.00
Ophelia. 2 to 3 ft.	.30	2.50	.....
3 to 4 ft.	.40	3.00	.....
Pyramidalis. 2 to 3 ft.	.35	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
Virginal. 2 to 3 ft.	.25	2.25	20.00
3 to 4 ft.	.30	2.75	25.00
4 to 5 ft.	.40	3.00	27.50
5 to 6 ft.	.50	4.50	40.00
PHOTINIA Villosa. (Chinese Christmas Berry.)			
2 to 3 ft.	.40	3.50	.....
3 to 4 ft.	.50	4.00	.....
PHYSOCARPUS Monogynus. (Dwarf Ninebark.)			
2 to 2½ ft.	.25	2.25	20.00
2½ to 3 ft.	.30	2.75	25.00
PHYSOCARPUS Opulifolius. (Common Ninebark.)			
3 to 4 ft.	.25	2.00	17.50
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	3.00	25.00
Opulifolius Aureus. (Goldenleaf Ninebark.) 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
PIERIS Floribunda (Lily-of-the-Valley Shrub). 15 to 18 in., B. & B.	2.00	.....	.....
POTENTILLA Fruticosa. 18 to 24 in.	.30	2.50	.....
2 to 3 ft.	.35	3.00	.....
PRUNUS Besseyi (Hansen Bush Cherry).			
2-year, 18 to 24 in.	.30	2.25	20.00
3-year, 2 to 3 ft.	.40	3.50	30.00
PRUNUS Glandulosa (Flowering Almond).			
Albiplena (Double White). 2 to 3 ft.	.45	4.00	.....
3 to 4 ft.	.50	4.50	.....
Sinensis (Double Pink). 2 to 3 ft., own root	.40	3.50	.....
3 to 4 ft., own root	.55	4.50	.....
Triloba. See **Trees,** page 66.			
PYRACANTHA Coccinea Lalandi (Laland Firethorn). 18 to 24 in., B. & B.	1.50	12.50	.....
24 to 30 in., B. & B.	1.75	15.00	.....
2½ to 3 ft., B. & B.	2.00	17.50	.....
RHAMNUS Cathartica (Buckthorn). 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.30	2.00	17.50
4 to 5 ft.	.40	3.00	25.00
Frangula. 3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.40	3.00	25.00
RHODODENDRON Carolinianum. 18 to 24 in., B. & B.	2.75	.....	.....
Catawbiense. 2 to 2½ ft., B. & B.	3.00	.....	.....
Maximum (Rosebay R.). 18 to 24 in., B. & B.	2.50	.....	.....
Hybrid Seedlings. 12 to 15 in., with buds, B. & B.	1.35	.....	.....
15 to 18 in., with buds, B. & B.	2.00	.....	.....
18 to 24 in., with buds, B. & B.	2.50	.....	.....
RHODOTYPOS Kerrioides. 2 to 3 ft.	.25	2.00	17.50
3 to 4 ft.	.30	2.50	20.00
RHUS Canadensis. 18 to 24 in.	.30	2.50	.....
2 to 3 ft.	.40	3.50	.....
3 to 4 ft.	.50	4.50	.....
Cotinus. (Smoke Tree.) 2 to 3 ft.	.60	5.50	.....
3 to 4 ft.	.75	7.00	.....
Typhina Laciniata. (Shredded Sumac.) 2 to 3 ft.	.25	2.00	18.00
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.40	3.00	25.00
ROBINIA Hispida. (Rose Acacia.) 3 to 4 ft.	.50	4.50	.....
Kelseyi. 2 to 3 ft.	.60	5.00	.....
3 to 4 ft.	.65	6.00	.....
ROSA			
Harrison's Yellow. 2-year	.40	3.50	30.00
Hugonis. 2-year	.40	3.00	25.00
3-year	.50	4.00	35.00
Multiflora Japonica. (Japanese Rose.) 3-year	.30	2.50	20.00
Rubiginosa. (Sweetbriar.) 2-year	.30	2.50	.....
Rugosa Agnes. 2-year	.40	3.50	.....
Rugosa Blanc Double de Coubert. 2-year	.30	2.50	20.00
Rugosa Belle Poitevine. 2-year	.30	2.50	20.00
3-year	.35	3.00	25.00
Rugosa Dr. Eckener. 2-year	.40	3.50	30.00
Rugosa F. J. Grootendorst. 2-year	.35	3.00	27.50
Rugosa Hansa. 2-year	.30	2.50	20.00
3-year	.35	3.00	25.00
Rugosa Pink Grootendorst. 2-year	.40	3.50	30.00
Rugosa Rubra. 2-year	.30	2.50	20.00
Setigera. 2-year	.25	2.00	18.00
SALIX Discolor (Pussy Willow). 3 to 4 ft.	.25	2.00	18.00
SAMBUCUS Canadensis (American Elder). 3 to 4 ft.	.35	3.00	.....
Canadensis Acutiloba (Cutleaf American Elder).			
3 to 4 ft.	.35	3.00	.....
4 to 5 ft.	.40	3.50	.....
Nigra Aurea. 3 to 4 ft.	.35	3.00	.....
4 to 5 ft.	.40	3.50	.....
Pubens. 3 to 4 ft.	.35	3.00	.....
4 to 5 ft.	.40	3.50	.....
SORBARIA Sorbifolia. (Ural False Spiraea.) 2 to 3 ft.	.25	2.00	18.00
3 to 4 ft.	.30	2.50	22.50
SPIRAEA Arguta. 24 to 30 in.	.25	1.80	15.00
2½ to 3 ft.	.30	2.00	18.00
3 to 4 ft.	.35	2.25	20.00
Billiardi. 3 to 4 ft.	.20	1.80	15.00
4 to 5 ft.	.25	2.00	18.00

SPIRAEA—Continued.	Each	10	100
Bumalda Anthony Waterer. 15 to 18 in.	$0.25	$2.00	$17.50
Froebeli. 18 to 24 in.	.20	1.20	9.00
24 to 30 in.	.25	1.50	10.00
30 to 36 in.	.30	2.00	12.00
Japonica Ovalifolia (White Japanese S.). 15 to 18 in.	.20	1.75	15.00
Latifolia. 3 to 4 ft.	.30	2.00	12.00
4 to 5 ft.	.35	2.50	15.00
Prunifolia Plena (Double Bridal Wreath). 3 to 4 ft.	.35	3.00	25.00
Thunbergi. 18 to 24 in.	.20	1.75	15.00
24 to 30 in.	.25	2.00	17.50
3 to 4 ft.	.30	2.50	20.00
Trichocarpa (Korean S.). 2 to 3 ft.	.25	2.00	17.50
3 to 4 ft.	.30	2.50	20.00
Van Houttei (Bridal Wreath). 2 to 3 ft.	.15	1.20	10.00
3 to 4 ft.	.25	1.50	12.00
4 to 5 ft.	.30	2.00	14.00
5 to 6 ft.	.35	2.50	18.00
SYMPHORICARPOS			
Racemosus. (Snowberry). 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	2.00	15.00
Vulgaris (Indian Currant). 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.75	15.00
SYRINGA (Lilac) **Japonica.** 4 to 5 ft.	.60	5.00	.....
5 to 6 ft.	.70	6.00	50.00
6 to 8 ft.	.90	7.50	.....
Josikaea. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	4.00	35.00
Persian Purple. 2 to 3 ft.	.30	2.25	20.00
3 to 4 ft.	.35	2.50	22.50
4 to 5 ft.	.40	2.80	25.00
Villosa. 3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	.....
5 to 6 ft.	.50	4.00	.....
Vulgaris Alba. 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.50	3.50	30.00
Vulgaris Purpurea. 2 to 3 ft.	.25	1.75	15.00
3 to 4 ft.	.30	2.00	17.50
4 to 5 ft.	.35	2.50	20.00
5 to 6 ft.	.40	3.50	30.00
NAMED FRENCH VARIETIES.			
Marie Legraye, Michael Buchner, Mad. Lemoine. 2 to 3 ft.	.60	5.50	.....
Marie Legraye, Michael Buchner. 3 to 4 ft.	.75	7.00	.....
Michael Buchner, Pres. Grevy. 4 to 5 ft.	1.00	9.00	.....
Michael Buchner, Pres. Grevy. 5 to 6 ft.	1.50	.....	.....
NEW AND RARE LILACS.* (Early Lilacs, Syringa Giraldi.)			
Berryer*, Chas. Joly. 2 to 3 ft.	.75	7.00	.....
Charles Joly, Edouard Andre, Montaigne. 3 to 4 ft.	1.00	9.00	.....
Buffon, Claude Bernard*, Deschartes, Montaigne. 4 to 5 ft.	1.50	12.50	.....
Katherine Havemeyer, Mrs. Edward Harding, Miss Ellen Willmott, Jan Van Tol, Pres. Poincare. 2 to 3 ft.	1.25	10.00	.....
Marechal Foch (Sensational New Pink). 2 to 3 ft.	3.00	.....	.....
TAMARIX **Africana.** 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	3.00	25.00
Amurensis. 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
VIBURNUM **Carlesi.** (Fragrant V.) 18 to 24 in.	.90	7.50	.....
2 to 2½ ft., B. & B.	1.75	15.00	.....
Dentatum. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
Lantana. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	2.75	22.50
4 to 5 ft.	.40	3.00	25.00
Lentago. 2 to 3 ft.	.40	3.50	.....
Molle. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
Opulus. 4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.45	3.75	32.50
Opulus Sterile. 3 to 4 ft.	.50	4.00	.....
Sargenti. (Sargent Cranberrybush.) 3 to 4 ft.	.50	4.00	35.00
Sieboldi. 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	30.00
Tomentosum. (Double file V.) 2 to 3 ft.	.35	3.00	.....
ULMUS **Pumila, Chinese Elm Hedging**—See Trees.			
VITEX **Negundo Incisa.** (Cutleaf Lilac Chaste Tree.) 2-year	.40	3.00	25.00
WEIGELA **Candida.** 3 to 4 ft.	.35	3.00	25.00
Eva Rathke. 2 to 3 ft.	.35	3.00	27.50
Floribunda. 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	.....
Nana Variegata. 2 to 3 ft.	.35	3.00	.....
Rosea. 2 to 3 ft.	.25	2.00	15.00
3 to 4 ft.	.30	2.50	20.00

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AMPELOPSIS Veitchii (Boston Ivy).

Hardy Vines

	Each	10	100
AKEBIA Quinata. A beautiful Japanese vine with unique foliage and chocolate-purple flowers. 2-year	$0.25	$2.00	$18.00
3-year	.30	2.50	22.50
AMPELOPSIS Aconitifolia (Monkshood Vine.) Attractive foliage; amber berries in autumn. 2-year	.20	1.75	12.00
3-year	.25	2.00	15.00
Engelmani. A hardy and quick-growing, self-clinging vine. 2-year	.20	1.50	10.00
3-year	.25	2.00	15.00
Heterophylla. Ornamental, heart-shaped leaves; turquoise blue berries in fall. 2-year	.30	2.50	.....
3-year	.40	3.00	.....
Quinquefolia (Woodbine). A good native vine valued for its bright crimson foliage in fall. 2-year	.20	1.50	10.00
3-year	.25	1.75	15.00
Veitchii (Boston Ivy). The grandest hardy climbing vine that clings tightly to stone or brick. Good glossy green leaves, three-lobed. 2-year No. 1	.25	2.00	18.00
3-year	.35	3.00	25.00
ARISTOLOCHIA Sipho (Dutchman's Pipe). 2 yr.	.50	4.00	.....
BIGNONIA Radicans. Showy trumpet-shaped flowers of brilliant orange-scarlet. 2-year	.25	2.00	15.00
3-year	.30	2.50	17.50
CELASTRUS. Hardy climber, with orange-capsuled fruit in autumn.			
Scandens (American Bittersweet). 2-year	.25	2.00	18.00
3-year	.40	3.50	.....
CLEMATIS TEXENSIS (Coccinea). Bell-shaped flowers of bright coral-red	.30	2.00	18.00
Crispa. Flowers deep blue with white border	.30	2.00	18.00
Duchess of Albany (New). Pink trumpet-shaped flowers about 3½ to 4 inches long. 2-year	1.00	9.00	.....
Montana Rubens. Rosy-pink, Anemone-like flowers, 2-year	.50	4.00	37.50
CLEMATIS—Small-Flowering Paniculata. The finest small-flowering Clematis. Pure white, deliciously fragrant flowers. September. 2-year	.30	2.50	18.00
CLEMATIS—Large-Flowering.			
Duchess of Edinburgh, double white; **Henryi,** single white; **Jackmani,** rich royal purple; **Mme. Ed. Andre,** wine red; **Ramona,** blue. 2-year No. 1	.50	4.00	37.50
2½-inch pots	.30	2.10	15.00
3-year	.65	6.00	.....
Belle of Woking (New). Double silvery gray	1.00	9.00	.....
Comtesse de Bouchard (New). Satiny rose	1.00	9.00	.....
Lord Neville (New). Purplish-plum	1.00	.....	.....
Crimson King. 2-year	1.50	.....	.....
Prins. Hendrik. 2-year	1.50	.....	.....
HEDERA Helix.			
Baltica (Baltica Hardy Ivy). 2½-inch pots	....	1.00	7.50
English Ivy (Gracilis—Small-Leaved). Hardy. 2½-inch pots	....	1.00	7.50
2-year	.40	3.50	.....
HYDRANGEA Petiolaris (Climbing Hydrangea). 4-inch pots	.90	.....	.....
LONICERA—Honeysuckle, Heckrotti. Flowers dark red and creamy yellow. 2-year	.50	4.50	.....
Japonica Halliana (Hall's Japanese). Very fragrant pure white flowers changing to yellow. 2-year	.25	1.80	14.00
3-year	.35	3.00	.....
Sempervirens (Scarlet Trumpet). Fuchsia-like scarlet flowers. 2-year	.25	2.00	18.00
LYCIUM Barbarum (Matrimony Vine). Of trailing habit. Attractive red berries in autumn. 2-year	.20	1.50	12.00
3-year	.25	2.00	18.00
POLYGONUM Auberti. Fast growing vine producing foamy masses of white flowers in late summer. 2-year.	.35	2.50	20.00
PUERARIA Thunbergiana (Kudzu Vine). No. 1	.20	1.50	12.50
WISTERIA Multijuga Floribunda Rosea. (Pink Japanese Wisteria). 1-year grafts	.90	.....	.....
Multijuga Naga Noda. 2-year, grafted	1.00	.....	.....
Sinensis Alba. Pure white flowers. 2-year grafts	.50	4.00	.....
Sinesis Purpurea. Flowers purple. 2-year grafts	.40	3.50	.....
Sinensis Purpurea—Tree Form or Standards. 3 to 4 ft., stems, B. & B.	5.00	.....	.....

Ornamental and Shade Trees

All our trees are nursery grown and are one or more times transplanted.

	Each	10	100
ACER Dasycarpum (Silver Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	$0.90	$ 7.50	$60.00
8 to 10 ft., 1¼ to 1½ in. caliper	1.00	9.00	70.00
10 to 12 ft., 1½ to 1¾ in. caliper	1.20	10.00	90.00
10 to 12 ft., 1¾ to 2 in. caliper	1.30	11.50	100.00
12 to 14 ft., 2 to 2¼ in. caliper	1.40	12.50	115.00
12 to 14 ft., 2¼ to 2½ in. caliper	1.75	15.00	.....
14 to 16 ft., 2½ to 2¾ in. caliper	2.00	17.50	.....
Dasycarpum Pyramidalis (Pyramidal Soft Maple).			
8 to 10 ft., 1½ to 1¾ in. caliper	1.65	15.00	.....
Dasycarpum Wieri (Wier Maple).			
10 to 12 ft., 1½ to 1¾ in. caliper	1.75	15.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	2.00	17.50	.....
12 to 14 ft., 2 to 2¼ in. caliper	2.25	20.00	.....
12 to 14 ft., 2½ to 3 in. caliper	3.00	27.50	.....
Ginnala (Amur Maple). 3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.60	5.00	40.00
5 to 6 ft.	.75	6.00	50.00
6 to 7 ft.	.90	10.00	.....
Palmatum Atro-Purpureum (Bloodleaf Japanese Maple).			
2½ to 3 ft., B. & B.	3.00	.....	.....
3 to 3½ ft., B. & B.	3.50	.....	.....
3½ to 4 ft., B. & B.	4.00	.....	.....
Platanoides (Norway Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	1.50	12.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.60	14.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	1.90	17.50	.....
10 to 12 ft., 1¾ to 2 in. caliper	2.25	20.00	.....
12 to 14 ft., 2 to 2¼ in. caliper	2.50	20.00	.....
12 to 14 ft., 2¼ to 2½ in. caliper	2.75	25.00	.....
12 to 14 ft., 2½ to 2¾ in. caliper	3.00	27.50	.....
12 to 14 ft., 2¾ to 3 in. caliper	3.50	32.50	.....
16 to 18 ft., 3 to 3¼ in. caliper	4.00	37.50	.....
16 to 18 ft., 3½ in. caliper	5.50	50.00	.....
16 to 18 ft., 4 in. caliper	9.00	85.00	.....
16 to 18 ft., 5 in. caliper	15.00	.....	.....
Write for prices on larger sizes.			
Platanoides Globosum (Globe Maple).			
5 to 6 ft., 2-year heads	3.50	.....	.....
5 to 6 ft., 3-year heads	4.00	.....	.....
Platanoides Schwedleri (Schwedler Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	1.75	15.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.25	20.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	2.75	25.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	3.25	30.00	.....
12 to 14 ft., 2 to 2¼ in. caliper	3.75	35.00	.....
12 to 14 ft., 2¼ to 2½ in. caliper	4.25	40.00	.....
12 to 14 ft., 2½ to 2¾ in. caliper	5.50	50.00	.....
Saccharum (Sugar Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	1.50	12.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.75	15.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	2.25	20.00	.....
AESCULUS Carnea (Red Horse Chestnut).			
4 to 5 ft.	3.25	.....	.....
AILANTHUS Glandulosa (Tree of Heaven). 4 to 5 ft.	.50	4.50	.....
5 to 6 ft.	.65	5.50	.....
6 to 8 ft.	.90	7.50	.....
8 to 10 ft.	1.25	.....	.....
ARALIA Spinosa (See Shrubs).			
BETULA (Cut-Leaved Weeping Birch). 6 to 8 ft.	2.00	.....	.....
8 to 10 ft.	2.50	.....	.....
CATALPA Bungei. 5 to 6 ft, 2-year head	1.00	9.00	.....
Speciosa. 8 to 10 ft., 1 to 1¼ in. caliper	.60	5.00	35.00
8 to 10 ft., 1¼ to 1½ in. caliper	.75	6.00	45.00
10 to 12 ft., 1½ to 1¾ in. caliper	.90	7.50	60.00
12 to 14 ft., 2 to 2¼ in. caliper	1.00	9.00	75.00
CERCIS Canadensis (American Redbud). 4 to 5 ft.	.90	7.50	.....
CHERRY, Japanese—See Prunus.			
CORNUS Florida (White Flowering Dogwood).			
3 to 4 ft., B. & B.	1.75	.....	.....
4 to 5 ft., B. & B.	2.50	.....	.....
CORNUS Florida Rubra (Red Flowering Dogwood).			
2 to 3 ft., B. & B.	1.75	15.00	.....
3 to 4 ft., B. & B.	2.50	22.50	.....
4 to 5 ft., B. & B.	3.25	.....	.....
CRATAEGUS (Hawthorn).			
Arnoldiana. 8 to 10 ft, 1¼ to 1½ in. caliper	3.00	27.50	.....
8 to 10 ft., 1½ to 1¾ in. caliper	3.75	35.00	.....
Carrieri. 6 to 8 ft.	2.50	.....	.....
8 to 10 ft.	4.00	.....	.....
Coccinea (Thicket Hawthorn). 4 to 5 ft.	1.75	15.00	.....
5 to 6 ft.	2.00	17.50	.....
6 to 7 ft. specimens, B. & B.	5.00	.....	.....
Cordata. 3 to 4 ft.	1.00	9.00	.....
4 to 5 ft.	1.50	12.50	.....
5 to 6 ft.	2.00	17.50	.....
6 to 7 ft.	2.50	22.50	.....
8 to 10 ft., 1 to 1¼ in. caliper	3.00	27.50	.....
Crusgalli. 5 to 6 ft.	2.00	17.50	.....
6 to 7 ft.	2.50	22.50	.....
6 to 7 ft. sheared specimens, B. & B.	7.50	.....	.....
8 to 10 ft. sheared specimens, B. & B.	10.00	.....	.....
Oxyacantha (English Hawthorn). 4 to 5 ft.	1.00	9.00	.....
5 to 6 ft.	1.75	15.00	.....
6 to 7 ft.	2.00	17.50	.....
8 to 10 ft., 1 to 1¼ in. caliper	3.00	.....	.....
Oxyacantha Splendens. (Paul's Dbl. Scarlet Hawthorn.) 4 to 5 ft.	1.75	15.00	.....
7 to 8 ft. specimens, B. & B.	8.50	.....	.....

	Each	10	100
FAGUS Sylvatica Riversi (Rivers Purple Beech).			
2 to 3 ft., B. & B.	$3.25	.....	.....
3 to 4 ft., B. & B.	4.00	.....	.....
FRAXINUS Americanus (White Ash).			
10 to 12 ft., 1¾ to 2 in.	1.75	$15.00	.....
12 to 14 ft., 2 to 2¼ in.	2.00	17.50	.....
12 to 14 ft., 2½ to 2¾ in.	2.25	20.00	.....
GINKGO Biloba (Maidenhair Tree). 5 to 6 ft.	1.50	.....	.....
6 to 8 ft.	2.50	.....	.....
8 to 10 ft. 1¼ to 1½ in. caliper	4.00	.....	.....
GLEDITSIA Triacanthos Inermis (Thornless Honey Locust). 8 to 10 ft., 1 to 1¼ in. caliper	1.75	15.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.25	20.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	2.75	25.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	3.25	30.00	.....
JUGLANS Nigra (Black Walnut).			
8 to 10 ft., 1½ to 1¾ in. caliper	1.75	15.00	.....
10 to 12 ft., 2 to 2¼ in. caliper	2.25	20.00	.....
10 to 12 ft., 2½ to 2¾ in. caliper	4.00	.....	.....
LIRIODENDRON Tulipifera (Tuliptree). 6 to 8 ft.	1.75	15.00	.....
MAGNOLIA Glauca (Sweet Bay). 3 to 4 ft., B. & B.	2.50	22.50	.....
4 to 5 ft., B. & B.	3.00	27.50	.....
Soulangeana. 2 to 3 ft., B. & B.	2.50	22.50	.....
3 to 4 ft., B. & B.	3.75	35.00	.....
4 to 5 ft., B. & B.	5.50	50.00	.....
5 to 6 ft., B. & B.	8.00	75.00	.....
6 to 8 ft., B. & B.	10.00	.....	.....
6 to 8 ft. specimens, B. & B.	15.00	.....	.....
Stellata (Halleana) (Star M). 2 to 2½ ft., B. & B.	4.00	.....	.....
2½ to 3 ft., B. & B.	5.00	.....	.....
3 to 4 ft., B. & B.	7.50	.....	.....
MALUS (Flowering Crab Apples).			
Floribunda, Niedzwetzkyana, Atrosanguinea. 4 to 5 ft.	1.00	9.00	.....
Floribunda, Niedzwetzkyana, Atrosanguinea. 5 to 6 ft.	1.25	10.00	.....
Baccata, Floribunda, Niedzwetzkyana. 6 to 8 ft., 1 to 1¼ in. caliper	1.75	15.00	.....
Atrosanguinea, Baccata, Floribunda, Niedzwetzkyana. 6 to 8 ft., 1¼ to 1½ in. caliper	2.50	22.50	.....
Atrosanguinea, Baccata, Floribunda, Niedzwetzkyana. 6 to 8 ft., 1½ to 1¾ in. caliper, specimens.	3.00	27.50	.....
Atrosanguinea, Baccata, Floribunda. 6 to 8 ft., 1¾ to 2 in. caliper, specimens	3.50	32.50	.....
Floribunda. 2 to 2½ in. caliper, specimens	5.00	.....	.....
Eleyi (New). 4 to 5 ft.	1.50	12.50	.....
Ioensis Bechteli (Bechtel's Dbl. Flowering Crab).			
3 to 4 ft.	.90	7.50	.....
4 to 5 ft.	1.00	9.00	.....
5 to 6 ft.	1.50	12.50	.....
6 to 7 ft., 1 to 1¼ in. caliper	1.75	15.00	.....
7 to 8 ft., 1¼ to 1½ in. caliper	2.25	20.00	.....
7 to 8 ft. specimens, 1½ to 1¾ in. caliper	5.00	.....	.....
7 to 8 ft. specimens, 1¾ to 2 in. caliper	6.50	.....	.....
8 to 10 ft. specimens, 2 to 2¼ in. caliper	7.50	.....	.....
MORUS Alba Pendula (Weeping Mulberry). The most popular of the small Weeping Trees.			
5 to 6 ft., 2-year heads	1.75	15.00	.....
PLATANUS Occidentalis (American Planetree).			
8 to 10 ft., 1¼ to 1½ in. caliper	2.00	.....	.....
POPULUS Bolleana (Bolleana Poplar).			
6 to 8 ft.	1.25	11.50	.....
8 to 10 ft., 1 to 1¼ in. caliper	2.00	17.50	.....
Eugenei (Carolina Poplar). One of the most rapid growing of all shade trees.			
8 to 10 ft., 1¼ to 1½ in. caliper	.60	5.00	$40.00
10 to 12 ft., 1½ to 1¾ in. caliper	.70	6.00	45.00
10 to 12 ft., 1¾ to 2 in. caliper	.80	7.00	60.00
12 to 14 ft., 2 to 2¼ in. caliper	1.00	9.00	75.00
12 to 14 ft., 2¼ to 2½ in. caliper	1.25	10.00	90.00
12 to 14 ft., 2½ to 3 in. caliper	1.50	12.50	.....
Nigra Italica (Lombardy Poplar). A valuable tree for landscape work and screens. Our trees are very fine, being branched from the ground. 6 to 8 ft.	.50	3.50	30.00
8 to 10 ft., 1 to 1¼ in. caliper	.60	5.00	40.00
8 to 10 ft., 1¼ to 1½ in. caliper	.90	7.50	65.00
10 to 12 ft., 1½ to 1¾ in. caliper	1.00	9.00	80.00
10 to 12 ft., 1¾ to 2 in. caliper	1.15	10.00	.....
12 to 14 ft., 2 to 2¼ in. caliper	1.90	15.00	.....
PRUNUS Americana (American Plum). 3 to 4 ft.	.25	1.80	15.00
4 to 5 ft.	.30	2.00	18.00
5 to 6 ft.	.35	3.00	25.00
6 to 8 ft.	.40	3.50	30.00
Blirieana (Purple-leaved Flowering Plum) 4 to 5 ft.	1.00	9.00	.....
Newport (Purple-leaved). 4 to 5 ft.	.70	6.00	.....
5 to 6 ft.	.90	7.50	.....
6 to 8 ft.	2.00	17.50	.....
6 to 8 ft. specimens, 1½ to 2 in. caliper	3.50	.....	.....
Triloba (Flowering Plum). 2 to 3 ft.	.50	4.00	35.00
3 to 4 ft.	.60	5.00	45.00
4 to 5 ft.	.90	7.50	.....
PRUNUS (Japanese Flowering Cherries).			
Autumnalis. 4 to 5 ft.	2.00	17.50	.....
5 to 6 ft.	2.25	20.00	.....
Amanogawa, Kwanzan (Sekizan). 4 to 5 ft.	1.50	12.50	.....
5 to 6 ft.	1.75	15.00	.....
PRUNUS, Japanese Weeping Cherry, Double Pink Subhirtella Type. 5 to 6 ft. stems, 1-yr. heads	3.00	27.50	.....
QUERCUS Macrocarpa (Mossycup Oak).			
6 to 8 ft.	1.75	15.00	.....
8 to 10 ft., 1 to 1¼ in. caliper	2.00	17.50	.....
8 to 10 ft., 1½ to 1¾ in. caliper	2.50	22.50	.....

QUERCUS—Continued.	Each	10	100
Palustris (Pin Oak).			
8 to 10 ft., 1 to 1¼ in. caliper	$2.25	$20.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.50	22.50	.....
8 to 10 ft., 1½ to 1¾ in. caliper	2.75	25.00	.....
8 to 10 ft., 1¾ to 2 in. caliper	3.00	27.50	.....
8 to 10 ft., 2 to 2¼ in. caliper	3.25	.....	.....
Rubra (Red Oak). 6 to 8 ft.	1.75	15.00	.....
8 to 10 ft., 1 to 1¼ in. caliper	2.25	20.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.75	25.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	3.25	30.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	3.50	32.50	.....
10 to 12 ft., 2 to 2¼ in. caliper	4.00	37.50	.....
SALIX Babylonica (Babylon Weeping Willow).			
6 to 8 ft.	.75	6.50	$60.00
8 to 10 ft., 1 to 1¼ in. caliper	1.00	9.00	.....
Vitellina Britzensis. 4 to 5 ft.	.30	2.50	.....
5 to 6 ft.	.40	3.00	.....
6 to 8 ft.	.50	4.00	.....
8 to 10 ft.	.75	6.00	.....
SOPHORA Japonica (Chinese Scholar Tree).			
2 to 3 ft.	.75	6.00	.....
3 to 4 ft.	.85	7.50	.....
SORBUS Aucuparia (European Mountain Ash).			
6 to 8 ft.	1.50	12.50	.....
8 to 10 ft.	1.75	15.00	.....
TILIA Americana (American Linden).			
6 to 8 ft.	1.25	10.00	.....
8 to 10 ft., 1 to 1¼ in. caliper	1.35	12.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.60	15.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	2.00	17.50	.....
Parvifolia (European Linden).			
8 to 10 ft., 1 to 1¼ in. caliper	1.50	12.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.75	15.00	.....
Pyramidal European Linden. 5 to 6 ft.	1.75	16.50	.....
6 to 8 ft.	2.25	20.00	.....
ULMUS Americana (American Elm).			
8 to 10 ft., 1 to 1¼ in. caliper	.65	5.00	40.00
8 to 10 ft., 1¼ to 1½ in. caliper	.75	6.00	55.00
10 to 12 ft., 1½ to 1¾ in. caliper	.90	7.50	65.00
10 to 12 ft., 1¾ to 2 in. caliper	1.15	9.00	75.00
10 to 12 ft., 2 to 2¼ in. caliper	1.25	10.00	90.00
12 to 14 ft., 2¼ to 2½ in. caliper	1.50	12.50	100.00
12 to 14 ft., 2½ to 2¾ in. caliper	2.00	15.00	125.00
12 to 14 ft., 2¾ to 3 in. caliper	2.50	20.00	175.00
12 to 14 ft., 3 to 3½ in. caliper	2.75	25.00	225.00
12 to 14 ft., 3½ to 4 in. caliper	4.00	37.50	.....
14 to 16 ft., 4 to 4½ in. caliper	6.00	57.50	.....
4½ to 5 in. caliper	7.50	70.00	.....
Americana Molini (Moline Elms). 6 to 8 ft.	.75	6.50	60.00
8 to 10 ft., 1 to 1¼ in. caliper	1.00	9.00	80.00
8 to 10 ft., 1¼ to 1½ in. caliper	1.25	11.50	100.00
10 to 12 ft., 1½ to 1¾ in. caliper	1.50	14.00	125.00
10 to 12 ft., 1¾ to 2 in. caliper	2.00	17.50	150.00
12 to 14 ft., 2 to 2¼ in. caliper	2.25	20.00	175.00
12 to 14 ft., 2¼ to 2½ in. caliper	2.75	25.00	225.00
12 to 14 ft., 2½ to 2¾ in. caliper	3.25	30.00	250.00
12 to 14 ft., 2¾ to 3 in. caliper	3.50	32.50	300.00
14 to 16 ft., 3 to 3¼ in. caliper	4.00	37.50	.....
16 to 18 ft., 3¼ to 3½ in. caliper	4.75	45.00	.....
16 to 18 ft., 3½ to 3¾ in. caliper	5.75	55.00	.....
16 to 18 ft., 3¾ to 4 in. caliper	6.50	60.00	.....
3½ to 4 in. caliper, specimens	10.00	.....	.....
4 to 4½ in. caliper	7.50	70.00	.....
4½ to 5 in. caliper	10.00	.....	.....
4 to 4½ in. caliper, specimens	12.50	.....	.....
Americana Urni (Vase-Shaped Elm). 6 to 8 ft.	.75	6.50	.....
8 to 10 ft., 1 to 1¼ in. caliper	1.00	9.00	80.00
8 to 10 ft., 1¼ to 1½ in. caliper	1.25	11.50	100.00
10 to 12 ft., 1½ to 1¾ in. caliper	1.50	14.00	125.00
10 to 12 ft., 1¾ to 2 in. caliper	1.90	17.50	150.00
12 to 14 ft., 2 to 2¼ in. caliper	2.25	20.00	175.00
12 to 14 ft., 2¼ to 2½ in. caliper	2.50	22.50	200.00
14 to 16 ft., 2½ to 2¾ in. caliper	2.75	25.00	225.00
14 to 16 ft., 2¾ to 3 in. caliper	3.00	27.50	250.00
3 to 3¼ in. caliper	3.75	35.00	325.00
3¼ to 3½ in. caliper	4.50	42.50	.....
3½ to 3¾ in. caliper	5.25	50.00	.....
3½ to 4 in. caliper, specimens	10.00	.....	.....
4 to 4½ in. caliper, specimens	15.00	.....	.....
Pumila (Chinese Elm). 5 to 6 ft.	.75	5.00	40.00
6 to 8 ft.	.90	7.50	65.00
8 to 10 ft., 1 to 1¼ in. caliper	1.25	10.00	90.00
8 to 10 ft., 1¼ to 1½ in. caliper	1.65	15.00	135.00
10 to 12 ft., 1½ to 1¾ in. caliper	2.50	22.50	.....
10 to 12 ft., 1¾ to 2 in. caliper	2.75	25.00	225.00
10 to 12 ft., 2 to 2¼ in. caliper	3.25	30.00	275.00
10 to 12 ft., 2¼ to 2½ in. caliper	4.00	35.00	.....
12 to 14 ft., 2½ to 2¾ in. caliper	4.50	.....	.....

Write for prices on Elms in larger sizes.

Pumila—Chinese Elm Hedging.		
18 to 24-in. seedling, not transplanted	.50	3.50
2 to 3-ft. seedling, not transplanted	.75	5.00

Vaughan's Evergreens

Prices listed, unless otherwise noted, include balling and burlapping. All our Evergreens are two or more times transplanted.

ABIES Concolor (White Fir). Forms a compact symmetrical tree of blue green foliage.	Each	10	100
18 to 24 in.	$1.50	$12.50	.....
2 to 2½ ft.	2.00	17.50	.....
2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	3.50	32.50	.....
3½ to 4 ft.	4.50	42.50	.....
4 to 4½ ft.	5.75	55.00	.....
4½ to 5 ft.	6.50	.....	.....
JUNIPERUS Canadensis (Canadian Juniper). Of low-spreading, irregular form with foliage of blue-green.			
12 to 15 in.	.90	7.50	.....
15 to 18 in.	1.00	9.00	.....
18 to 24 in.	1.35	12.50	.....
24 to 30 in.	1.75	15.00	.....
JUNIPERUS Chinensis Pfitzeriana (Pfitzer Juniper). One of the best of all Junipers. Broad bushy habit. Thick, rich green foliage, giving feathery appearance.			
15 to 18 in. spread	$1.65	$15.00	.....
18 to 24 in. spread	2.75	25.00	.....
18 to 24 in. spread, once transplanted	2.00	18.50	.....
24 to 30 in. spread	3.00	29.00	.....
24 to 30 in. spread, once transplanted	2.50	22.50	.....
2½ to 3 ft. spread	3.75	35.00	.....
3 to 3½ ft. spread	4.25	40.00	.....
3½ to 4 ft. spread	5.00	47.50	.....
4 to 4½ ft. spread	5.50	52.50	.....
4½ to 5 ft.	6.50	60.00	.....
4½ to 5 ft. specimens	8.00	.....	.....
5 to 6 ft.	8.50	80.00	.....
5 to 6 ft. specimens	12.00	.....	.....
6 to 7 ft.	10.00	.....	.....
6 to 7 ft. specimens	15.00	.....	.....
7 to 8 ft.	12.50	.....	.....
8 to 10 ft.	15.00	.....	.....
10 to 12 ft.	17.50	.....	.....
Chinensis Pfitzeriana (Upright Pfitzer). These have been staked into an upright growing habit.			
3 to 3½ ft.	4.25	40.00	.....
Chinensis Procumbens. Long trailing branches; foliage glaucous green. 12 to 15 in.	1.50	12.50	.....
15 to 18 in.	1.75	15.00	.....
18 to 24 in.	2.25	20.00	.....
24 to 30 in. spread	3.00	27.50	.....
2½ to 3 ft. spread	4.00	37.50	.....
Chinensis Sargenti (Sargent J.). Of trailing habit with erect branchlets. Foliage green with bluish cast.			
18 to 24 in.	2.50	22.50	.....
2 to 2½ ft.	3.00	27.50	.....
2½ to 3 ft.	3.50	.....	.....
Communis Depressa Plumosa (Andorra Juniper). Of low spreading, irregular form with bright-green foliage, reddish-purple in fall. 12 to 15 in. spread	1.25	10.00	.....
15 to 18 in. spread	1.50	12.50	.....
18 to 24 in. spread	1.75	15.00	.....
2 to 2½ ft. spread	2.50	22.50	.....
2½ to 3 ft. spread	2.75	25.00	.....
Excelsa Stricta (Spiny Greek Juniper). Compact, well-shaped pyramid with gray-green foliage. 12 to 18 in.	1.00	9.00	.....
Japonica (Japanese J.). Vigorous grower with wide-spreading procumbent branches. 18 to 24 in.	2.50	.....	.....
2 to 2½ ft.	2.75	25.00	.....
2½ to 3 ft.	3.50	.....	.....
Sabina (Savin Juniper). Dark green foliage. Spreading, semi-erect branches. 12 to 18 in.	1.00	9.00	.....
18 to 24 in.	1.75	15.00	.....
Sabina Prostrata Horizontalis. Light green foliage. Low-spreading branches that form a dense mat over the ground. 15 to 18 in.	.80	7.50	$65.00
18 to 24 in.	1.25	10.00	90.00
2 to 2½ ft.	1.75	13.50	125.00
2½ to 3 ft.	2.25	17.50	.....
3 to 3½ ft.	2.75	25.00	.....
Sabina Prostrata Horizontalis Glauca. Like the above, but with distinct steel-blue foliage. 18 to 24 in.	1.50	12.50	.....
2 to 2½ ft. spread	2.00	17.50	.....
2½ to 3 ft. spread	2.50	22.50	.....
3 to 3½ ft. spread	3.00	27.50	.....
Sabina Von Ehron. Semi-spreading, picturesque drooping branches, and very dark green foliage. 18 to 24 in.	1.50	12.50	.....
2 to 2½ ft.	2.00	17.50	.....
2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	3.00	27.50	.....
Scopulorum Hilli (Silver Colorado Juniper).			
2½ to 3 ft.	3.50	32.50	.....
3 to 3½ ft.	4.00	37.50	.....
Squamata Meyeri (Meyer Juniper). Of dwarf, irregular growth and novel coloring in tones of green, white and pinkish-red. 18 to 24 in.	2.00	17.50	.....
2 to 2½ ft.	2.50	22.50	.....
2½ to 3 ft.	3.50	32.50	.....
3 ft.	4.50	40.00	.....
Virginiana (Red Cedar). Tall-growing, of dense conical habit. Foliage dark green, bronze in winter.			
2 to 2½ ft.	1.00	9.00	85.00
2½ to 3 ft.	1.25	10.00	.....
4 to 4½ ft.	3.00	27.50	.....
4½ to 5 ft.	3.50	32.50	.....
5 to 5½ ft. sheared	4.00	37.50	.....
5½ to 6 ft. sheared	4.50	42.50	.....
6 to 6½ ft. sheared	5.00	47.50	.....
6½ to 7 ft. sheared	6.00	57.50	.....
7 to 7½ ft. sheared	6.75	65.00	.....
7½ to 8 ft. sheared	7.50	70.00	.....
8 ft. sheared	8.00	75.00	.....
9 ft. sheared	9.00	85.00	.....
10 ft. sheared	10.50	100.00	.....
11 ft. sheared	12.00	.....	.....
12 ft. sheared	15.00	.....	.....
Virginiana Cannarti (Cannart Red Cedar). Rich, deep green foliage, heavily tufted. 2 to 2½ ft.	2.50	22.50	.....
2½ to 3 ft.	3.00	27.50	.....
3 to 3½ ft.	3.75	35.00	.....
3½ to 4 ft.	4.75	45.00	.....
4 to 4½ ft.	5.25	50.00	.....
4½ to 5 ft.	5.75	55.00	.....
5 to 5½ ft.	6.25	60.00	.....
5½ ft.	7.00	67.50	.....
6 ft.	7.75	75.00	.....
6½ ft.	8.50	.....	.....
7 ft.	9.50	.....	.....
Virginiana Elegantissima (Gold-Tip Red Cedar). The new growth is golden. 7½ ft.	11.50	.....	.....
8 ft.	14.00	.....	.....

JUNIPERUS—Continued.	Each	10	100
Virginiana Glauca (Silver Red Cedar). A form of the Red Cedar with silvery tinged foliage.			
2 to 2½ ft.	$2.00	$17.50	.....
2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	3.00	27.50	.....
3½ to 4 ft.	3.50	32.50	.....
4 to 4½ ft.	4.00	37.50	.....
4½ to 5 ft.	4.50	42.50	.....
5 to 5½ ft.	5.00	47.50	.....
5½ to 6 ft.	6.00	57.50	.....
6 to 6½ ft.	7.00	67.50	.....
6½ to 7 ft.	8.50	80.00	.....
7 to 7½ ft.	10.00	.....	.....
7½ to 8 ft.	12.00	.....	.....
8 to 8½ ft.	15.00	.....	.....
8½ to 9 ft.	17.50	.....	.....
9 to 10 ft.	20.00	.....	.....
Virginiana Keteleeri (Keteleer Red Cedar). Of broad pyramidal form; green foliage.			
4 to 4½ ft.	4.25	40.00	.....
4½ to 5 ft.	4.75	45.00	.....
Virginiana Schotti (Schott Red Cedar). Fresh green foliage that does not change in winter. 2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	3.25	30.00	.....
3½ to 4 ft.	3.75	35.00	.....
4 to 4½ ft.	4.25	40.00	.....
4½ to 5 ft.	4.75	45.00	.....
5 to 5½ ft.	5.25	50.00	.....
5½ to 6 ft.	6.00	57.50	.....
PICEA Canadensis (White Spruce). Silvery-green foliage. 18 to 24 in.	.90	8.50	.....
2 to 2½ ft.	1.25	10.00	.....
Canadensis Albertiana (Black Hill Spruce). A very hardy, compact-growing spruce with dark green foliage. 12 to 18 in.	.90	7.50	.....
18 to 24 in.	1.50	12.50	.....
2 to 2½ ft.	2.00	17.50	.....
2½ to 3 ft.	2.25	20.00	.....
3 to 3½ ft.	2.75	25.00	.....
3½ to 4 ft.	3.25	30.00	.....
4 to 4½ ft.	3.75	35.00	.....
4½ to 5 ft.	4.25	40.00	.....
5 ft.	5.00	47.50	.....
5½ ft.	5.50	.....	.....
6 ft.	6.00	.....	.....
6½ ft.	6.50	.....	.....
7 ft.	7.50	.....	.....
Excelsa (Norway Spruce).			
18 to 24 in.	.75	6.50	.....
2 to 2½ ft.	1.00	9.00	$85.00
2½ to 3 ft.	1.15	10.00	90.00
3 to 3½ ft.	1.25	11.00	100.00
3½ to 4 ft.	1.50	12.50	.....
4 to 4½ ft.	1.75	15.00	.....
4½ to 5 ft.	2.00	17.50	.....
5 to 5½ ft.	2.50	20.00	.....
5½ to 6 ft.	3.00	27.50	.....
6 to 6½ ft.	3.50	30.00	.....
6½ to 7 ft.	4.00	32.50	.....
Pungens (Colorado Green Spruce). Bluish green foliage. 12 to 18 in.	.90	7.50	.....
18 to 24 in.	1.00	9.00	75.00
2 to 2½ ft.	1.65	14.00	125.00
2½ to 3 ft.	2.00	17.50	160.00
3 to 3½ ft.	2.25	20.00	175.00
3½ to 4 ft.	2.75	25.00	225.00
4 to 4½ ft.	3.25	30.00	.....
4½ to 5 ft.	3.75	35.00	.....
5 to 5½ ft.	5.00	47.50	.....
5½ to 6 ft.	5.50	50.00	.....
6 to 6½ ft.	6.25	60.00	.....
Pungens Glauca (Colorado Blue Spruce). Selected blue form of the above. 18 to 24 in.	2.25	20.00	.....
2 to 2½ ft.	2.50	22.50	.....
2½ ft.	3.00	27.50	.....
3 ft.	4.00	37.50	.....
3½ ft.	5.50	52.50	.....
4 ft.	7.00	67.50	.....
4½ ft.	8.00	77.50	.....
5 ft.	10.00	.....	.....
5½ ft.	14.00	.....	.....
6 ft.	17.00	.....	.....
Larger Sizes, Prices on Application.			
Pungens Moerheimi (Moerheimi Blue Spruce). Foliage of bright intense blue, grown from grafts. Superior to the Koster Blue Spruce. 18 in.	3.50	.....	.....
2 ft.	4.50	.....	.....
2½ ft.	5.50	.....	.....
3 ft.	7.00	.....	.....
3½ ft.	9.00	.....	.....
4 ft.	12.00	.....	.....
4½ ft.	16.50	.....	.....
5 ft.	20.00	.....	.....
5½ ft.	22.50	.....	.....
6 ft.	25.00	.....	.....
PINUS Montana Mughus (Mugho Pine). A low-growing round topped evergreen; fine for rock planting and foundation work. 12 to 15 in.	1.00	9.00	.....
15 to 18 in.	1.25	11.50	.....
18 in.	1.75	15.00	.....
2 ft.	2.00	17.50	.....
2½ ft.	2.50	22.50	.....
3 ft.	3.25	30.00	.....
3½ ft.	4.00	37.50	.....
4 ft.	4.75	45.00	.....
Montana Mughus Compacta. A compact form of the Mugho Pine. 24 in.	2.50	20.00	.....
2½ ft.	3.00	27.50	.....
3 ft.	3.50	.....	.....
Nigra (Austrian Pine). A robust, stately tree of rapid growth, and very hardy. 3 to 3½ ft.	1.50	12.50	.....
3½ to 4 ft.	2.00	17.50	.....
4 to 4½ ft.	2.50	22.50	.....
4½ to 5 ft.	3.00	27.50	.....
5 to 5½ ft.	3.50	32.50	.....

PINUS Nigra—Continued.	Each	10	100
5½ to 6 ft.	$4.00	$37.50	.....
6 to 7 ft.	5.00	45.00	.....
Sylvestris (Scotch Pine). Of rapid growth, with strong branches and short, stiff, bluish green foliage.			
2½ to 3 ft.	1.00	9.00	$ 75.00
3 to 3½ ft.	1.25	10.00	90.00
3½ to 4 ft.	1.50	12.50	115.00
4 to 4½ ft.	1.75	15.00	125.00
4½ to 5 ft.	2.25	20.00	175.00
5 to 6 ft.	3.00	25.00	200.00
6 to 7 ft.	3.50	30.00	.....
7 to 8 ft.	4.00	37.50	.....
8 to 10 ft.	5.00	45.00	.....
PSEUDOTSUGA Douglasi (Douglas Fir). Foliage dark bluish green. Very hardy. 3 to 3½ ft.	2.25	20.00	.....
3½ to 4 ft.	2.75	25.00	.....
SCIADOPITYS Verticillata (Umbrella Pine). Of dense pyramidal habit. Slow growing. Shining green foliage. 10 to 12 in.	1.25	.....	.....
15 to 18 in.	3.50	.....	.....
TAXUS Cuspidata (Japanese Yew). 15 to 18 in.	1.75	16.00	.....
18 to 24 in.	2.50	22.50	.....
2 ft.	3.25	30.00	.....
2½ ft.	4.25	40.00	.....
TAXUS Cuspidata Capitata (Upright Japanese Yew). 15 to 18 in.	1.75	16.00	.....
18 to 24 in.	2.25	20.00	.....
2 ft.	2.75	25.00	.....
2½ ft.	3.50	32.50	.....
3 ft.	4.25	40.00	.....
3½ ft.	8.50	80.00	.....
4 ft.	10.00	95.00	.....
4½ ft.	12.00	.....	.....
5 ft.	13.50	.....	.....
5½ ft.	15.00	.....	.....
TAXUS Cuspidata Nana (Dwarf Japanese Yew).			
15 to 18 in.	2.75	25.00	.....
18 to 24 in.	3.75	35.00	.....
2 ft. heavy specimens	7.50	.....	.....
2½ ft. heavy specimens	9.25	.....	.....
TAXUS Media Hicksi (Hick's Yew). Very compact, narrow upright. 18 to 24 in.	2.75	25.00	.....
2 to 2½ ft.	3.25	30.00	.....
THUJA Occidentalis (American Arborvitae).			
18 to 24 in.	.75	6.50	.....
24 to 30 in.	.90	7.50	.....
2½ to 3 ft.	1.15	10.00	.....
3 to 3½ ft.	1.40	12.50	.....
3½ to 4 ft.	1.65	14.00	.....
4 to 4½ ft.	1.90	17.50	.....
4½ to 5 ft.	2.25	20.00	.....
5 to 5½ ft.	2.50	22.50	.....
5½ to 6 ft.	3.00	27.50	.....
6 to 7 ft.	3.50	32.50	300.00
7 to 8 ft.	5.00	45.00	.....
8 to 9 ft.	6.50	60.00	.....
9 to 10 ft.	8.00	.....	.....
Occ. Douglasi Pyramidalis (Douglas Pyramidal Arborvitae). Of compact, tall slender form; foliage dark green with lighter tips. 3 to 3½ ft.	2.25	20.00	.....
3½ to 4 ft.	3.00	27.50	.....
4 to 4½ ft.	3.75	35.00	.....
4½ to 5 ft.	4.50	42.50	.....
Occ. Globosa (Am. Globe Arborvitae). A round, compact form, dark green foliage. 12 to 15 in.	.90	7.50	.....
18 in.	1.00	8.50	.....
21 in.	1.25	11.00	.....
24 in.	1.75	15.00	.....
Occ. Hoveyi (Hovey Arborvitae). Of egg-shaped form with golden green foliage. 18 in.	1.00	8.50	.....
21 in.	1.25	11.00	.....
24 in.	1.50	12.50	.....
2½ ft.	2.00	17.50	.....
Occ. Pyramidalis (Am. Pyramidal Arborvitae). A compact, narrowly pyramidal tree with bright green foliage. 18 to 24 in.	1.00	9.00	.....
2 to 2½ ft.	1.35	12.50	.....
2½ to 3 ft.	1.60	13.50	.....
3 to 3½ ft.	1.75	15.00	.....
3½ to 4 ft.	2.00	17.50	.....
4 to 4½ ft.	2.25	20.00	.....
4½ to 5 ft.	2.50	22.50	.....
5 to 5½ ft.	3.00	27.50	250.00
5½ to 6 ft.	3.50	32.50	300.00
6 to 6½ ft.	4.00	37.50	.....
6½ to 7 ft.	4.50	42.50	.....
7 to 7½ ft.	5.50	.....	.....
Occ. Rosenthali (Rosenthal Arborvitae). Dark green dense foliage; compact grower. 18 to 24 in.	1.50	12.50	.....
24 to 30 in.	2.00	17.50	.....
2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	2.75	25.00	.....
3½ to 4 ft.	3.00	27.50	.....
Occ. Wareana (Ware Arborvitae). Of dense broad, pyramidal form with rich green foliage. Very hardy.			
2½ to 3 ft.	2.00	17.50	.....
3 to 3½ ft.	2.25	20.00	.....
3½ to 4 ft.	2.75	25.00	.....
4 to 4½ ft.	3.50	.....	.....
Occ. Woodwardi (Woodward Globe Arborvitae).			
15 in.	1.00	9.00	.....
18 in.	1.25	10.00	.....
TSUGA Canadensis (Canada Hemlock). Tall growing, broadly pyramidal tree with rich, dark green foliage. Should be planted in shade or semi-shade.			
3 to 3½ ft.	2.75	25.00	.....
3½ to 4 ft.	3.50	32.50	.....
4 to 4½ ft.	4.50	42.50	.....

All Evergreens personally selected and tagged in the Nursery will be charged for according to their value, usually 25% above catalog price.

Vegetable Plants With a Pedigree

MARION MARKET.

Vaughan's Seeds of Table Quality Varieties are a Sure Selling Specialty

ONE of the most profitable spring crops for the greenhouse or hot-bed plant is seedling vegetable plants for home gardeners. Grow your plants from Vaughan's seeds and advertise the fact. It will bring you discriminating customers and higher prices. On this page we describe some of the varieties which we recommend for vigorous and fast selling plants.

For other varieties, see the vegetable list on the following pages or write for a copy of our retail catalog, which gives a complete list of vegetables with full descriptions. By advertising that your plants are grown from Vaughan's seeds you will attract custom from the thousands who have received this catalog.

Resistant Plants of Cabbage

Marion Market. **75 days.** The third yellows-resistant cabbage to mature. Of an excellent Copenhagen Market type, though later than select Copenhagen, coming a short time before Glory of Enkhousen. Oz., 45c.; ¼ lb., $1.25; lb., $4.00.

CALIFORNIA WONDER.

Standard Bred Cabbages

Reselected Copenhagen Market Extra Early.

Matures in about 62 days. Earliest of the large heading cabbages, maturing even before the conical types. Market growers have reported their entire crop of this strain harvested before heads from other seed of this variety were ready to cut.

Reselected Tested Stock. Oz., 40c; ¼ lb., $1.25; lb., $4.00.

Golden Acre. **Matures in about 60 days.** This early round headed variety is slightly earlier than our reselected extra early Copenhagen Market and is similar in most other respects, except that its heads are slightly smaller, weighing 4 to 5 lbs. Oz., 30c; ¼ lb., 90c; lb., $3.00.

Glory of Enkhousen. **Matures in about 80 days.** This globe shaped, medium early variety is of excellent flavor and crispness, producing heads weighing eight to ten pounds, and more uniform than the earlier types. Oz., 25c; ¼ lb., 70c; lb., $2.25.

Cauliflower

Vaughan's New Snowball. **Matures in about 55 days.** For early out-door planting and forcing, as well as for late sowing for the fall crop, this variety is standard. A well grown head measures 9 to 10 inches across with depth in proportion and a perfectly white core. Pkt., 25c; ¼ oz., 70c; ½ oz., $1.25; 1 oz., $2.00.

Egg Plant

Black Beauty. **110 days.** Twelve days earlier than New York. In shape it is broad and thick, perfectly spineless and smooth; beautiful, rich purple color and handsome lustre. Oz., 50c; ¼ lb., $1.50; lb., $5.00.

Peppers

Vaughan's Giant Magnum Dulce. This fine mild pepper can be grown to immense size—seven inches long and 4 inches through—but when grown so large the yield is small. To get a large yield of medium sized peppers, pinch off the "king flowers," the first ones to open. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., $2.00.

California Wonder. A mild, sweet, mid-season variety, very large, measuring 4½ inches in length by 4 inches in diameter. It resembles Chinese Giant in form, but has much thicker flesh. It has a crimson fruit. One of the heaviest peppers grown, not as prolific as some, but much more desirable. ½ oz., 35c; oz., 65c; ¼ lb., $2.00.

Large Bell. Large blocky fruit, usually mild. ½ oz., 25c; oz., 45c; ¼ lb., $1.25.

Tomatoes

For Plants Resistant to Wilt

Early Baltimore. **108 days.** Illinois University selection, thriving on all soils, smaller fruit, brighter color, heavier yielder than Marglobe. Oz., 45c; ¼ lb., $1.25; lb., $4.00.

Standard Bred Tomatoes

Bonny Best. **103 days.** A shade later than John Baer. Smooth, large and uniform fruit; yields well until frost. Oz., 30c; ¼ lb., 90c; lb., $3.00.

Crimson Cushion or Beefsteak. **120 days.** Is very large, round and regular; bright scarlet skin, solid flesh of best quality, seed cells small. Plants are very prolific, fine appearance. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50; lb., $4.75.

Ponderosa—The Giant Tomato **Matures in about 118 days.** Of the large fruited varieties, this one is most popular. Oz., 50c; ¼ lb., $1.50; lb., $5.00.

Oxheart. **Matures in about 120 days.** Popular because of its shape, large size, and excellent table qualities. Not a heavy yielder. Skin pink, almost seedless; firm, sweet flesh. Pkt., 10c; oz., 65c; ¼ lb., $2.00; lb., $7.50.

Golden Ponderosa. **118 days.** A yellow gem. This is a yellow Ponderosa equal in size to that magnificent variety. Oz., 60c; ¼ lb., $1.75; lb., $6.00.

Vaughan's Select Earliana. **94 days.** Earliest large, smooth bright red tomato. Compact in growth, with stout jointed branches; the vines yield well and the fruit is solid and of fine quality. Oz., 45c; ¼ lb., $1.25; lb., $4.00.

John Baer. **108 days.** Extra early red. Not quite so early as Earliana. John Baer yields a much heavier crop of larger, more uniform and more attractive fruits. Oz., 45c; ¼ lb., $1.25; lb., $4.00.

Dwarf Stone. **The Largest Dwarf Tomato. 132 days.** The fruit is red, and specimens weighing ¾ pound are not uncommon. Oz., 50c; ¼ lb., $1.50; lb., $5.00.

Resistant Celery

Michigan Golden. **(College Golden.)** Developed at Michigan State Agricultural College. A new strain of self-blanching celery resistant to root rot or crown rot "Fusarium Yellows", bred from the tall strain of Golden self-blanching. Pkt., 40c; ½ oz., 85c; oz., $1.50; ¼ lb., $5.50.

For other varieties see complete vegetable list on the following pages.

TOMATO: CRIMSON CUSHION OR BEEFSTEAK.

Vaughan's Vegetable Seed Prices for Florists

VAUGHAN'S VEGETABLE SEEDS

FOR 63 years Vaughan's Seed Store has specialized in quality vegetable seeds for commercial as well as amateur growers. We maintain one of the largest seed testing laboratories in the world and neither buy nor sell any seeds that fail to come up to the highest standards of purity and germination. In addition to this, we place emphasis upon the care, breeding and selection of our seeds in order to insure that they bear crops that are uniform and true to type. All seed except beans and peas will be treated for an extra charge of 10c per pound.

ARTICHOKE

GREEN GLOBE—Pkt., 10c; oz., 40c.

ASPARAGUS SEED

	Oz.	¼ lb.	Lb.
Bonvallet's Giant	$0.10	$0.25	$0.75
Mary Washington	.10	.30	.90

ASPARAGUS ROOTS

	100	1000	5000 per 1000
Mary Washington. 1 Year Old	$2.00	$12.00	$10.00
2 Years Old	2.25	14.00	12.00

BUSH BEANS—Green Pod

	1 to 5 lbs., per lb.	10 lbs.	100 lbs.
Black Valentine Stringless	$0.20	$1.60	$14.00
Early Red Valentine Stringless	.20	1.60	14.00
Longfellow	.20	1.60	14.00
Stringless Green Pod	.20	1.60	14.00
Dwarf Horticultural	.20	1.70	15.00
Improved Navy	.15	.90	7.00
Bountiful Stringless	.20	1.50	13.00
Giant Stringless Green Pod	.20	1.40	13.50
Tendergreen	.20	1.60	14.00
Great Northern	.15	1.00	8.00
Pinto	.15	1.10	9.00
Stringless Refugee	.20	1.70	15.00
Plentiful	.40	3.50	
Streamliner	.40	3.50	

WAX BEANS

Davis Stringless Wax	.25	1.70	15.00
Improved Golden Wax	.25	1.70	15.00
Pencil Pod Black Wax	.25	1.60	14.00
Round Pod Kidney Wax	.25	1.70	15.00
Wardwell's Kidney Wax	.25	1.70	15.00
Gold Standard	.25	1.70	15.00
Sure Crop Bountiful Wax	.25	1.60	14.00
Unrivalled Wax	.25	1.70	15.00

BUSH LIMA BEANS

Henderson's Bush Lima	.30	1.70	15.00
Burpee's Bush Lima	.35	1.90	17.00
New Wonder Bush Lima	.35	2.00	18.00
Fordhook Bush Lima	.35	2.00	18.00
Burpee's Improved Bush Lima	.35	2.00	18.00
Jackson Wonder	.30	1.80	16.00

POLE LIMA

Early Leviathan	.30	1.90	17.00
King of the Garden	.30	2.00	18.00
Large White Seeded	.30	2.00	18.00
Florida Butter	.30	1.80	16.00

POLE BEANS—Green Pod

Burger's Stringless	.30	1.60	14.00
Cut Short or Corn Hill	.25	1.70	15.00
Horticultural Cranberry	.25	1.70	15.00
Kentucky Wonder or Old Homestead	.30	1.60	14.00
Lazy Wife	.30	1.60	14.00
McCaslan	.30	1.70	15.00
White Creaseback	.25	1.70	15.00
Scarlet Runner	.35	2.20	20.00

Wax Pod

Early Golden Cluster Wax	.30	1.70	15.00
Kentucky Wonder Wax	.30	1.70	15.00

BEETS

	¼ lb.	Lb.	5 lbs
Perfected Detroit	$0.35	$1.00	$4.50
Crosby's Egyptian { Vaughan's Selected Stock	.35	1.00	4 50
Crosby's Egyptian { Standard Stock	.30	.85	4.00
Detroit Dark Red	.30	.80	3.75
Good For All	.35	1.00	4.50
Crimson Globe	.30	.80	3.75
Improved Early Egyptian	.30	.80	3.75
Early Wonder	.35	1.00	4.50
Edmand's Turnip, Select Stock	.30	.80	3.75
Early Blood Turnip, Select	.30	.80	3.75
MANGEL—Vaughan's Mammoth Long Red.	.20	.50	2.00
Champion Yellow Globe	.20	.50	2.00
Golden Tankard	.20	.50	2.00
Giant Yellow Intermediate	.20	.50	2.00
Giant Yellow Eckendorf	.20	.50	2.00
Giant Half Sugar Rose	.20	.50	2.00
Barres Sludstrup. Danish Grown	.20	.50	2.00
SUGAR BEETS—Vilmorin's Imperial	.20	.50	2.00
Klein's Wanzleben	.20	.50	2.00

BROCCOLI

	Oz	¼ lb.	Lb.
White Mammoth	$0.50	$1.50	$5.00
Italian Calabrase	.50	1.50	5.00
Purple Cape	.50	1.50	5.00

BRUSSELS SPROUTS

Improved Dwarf	.25	.65	2.00
Long Island Improved	.25	.65	2.00

CABBAGE

YELLOW RESISTANT CABBAGES

Arranged According to Maturity

	Oz.	¼ lb.	Lb.
Jersey Queen	$0.05	$1.50	$4.50
Racine Market (Wisconsin Pride)	.60	1.75	6.00
Wisconsin All Head	.50	1.50	5.00
Marion Market	.45	1.25	4.00
Globe	.60	1.75	6.00
Special Shipper	.50	1.50	5.00
Bugner	.50	1.50	5.00
Wisconsin All Season	.45	1.25	4.00
Wisconsin No. 8	.45	1.25	4.00
Wisconsin Red Resistant	.70	2.25	8.00

STANDARD VARIETIES

Early Jersey Wakefield	.25	.70	2.25
Charleston Wakefield	.25	.70	2.25
Copenhagen Market	.30	.85	2.75
Copenhagen Market Extra Early Selections.	.40	1.25	4.00
Golden Acre	.30	.90	3.00
Golden Acre. Danish Grown	.45	1.25	4.00
New York Early Summer	.25	.65	2.00
Early Flat Dutch	.25	.65	2.00
Succession	.25	.65	2.00
Vaughan's All Seasons	.25	.70	2.25
Glory of Enkhousen	.25	.70	2.25
Early All Head or Faultless	.25	.65	2.00
Vaughan's Premium (Late) Flat Dutch	.25	.70	2.25
Chinese or Celery Cabbage Vaughan Strain	.35	1.00	3.25
Chinese or Celery Cabbage Commercial Strain.	.25	.65	2.00
Chinese Cabbage Wong Bok	.25	.70	2.25
Surehead	.25	.65	2.00
Danish Ballhead (Dwarf Amager)	.30	.85	2.75
New Penn State Ballhead	.45	1.25	4.00
Dutch Winter or Hollander	.30	.75	2.50
SAVOY CABBAGE—			
Improved American	.30	.90	3.00
Long Island	.50	1.50	5.00
RED CABBAGE—			
Mammoth Rock Red	.30	.90	3.00
Haco. Earliest of all Reds	.40	1.25	4.00
Red Resistant	.70	2.25	8.00
Giant Winter	.40	1.25	4.00
Long Island Red	.50	1.50	5.00

CARROT

	Oz.	¼ lb.	Lb.	5 lbs.
Danvers Half Long. Vaughan's Selected Stock	$0.20	$0.35	$1.00	$4.75
Chantenay. The best for early bunching	.15	.25	.70	3.25
Greater Chantenay	.20	.35	1.00	4.75
Chantenay. Red Core	.20	.35	1.00	4.75
New Bunching	.20	.35	1.00	4.75
Imperator	.15	.35	1.00	4.75
Special Chantenay	.20	.35	1.00	4.75

	Oz.	¼ lb.	Lb.
Chicago Forcing	$0.20	$0.60	$1.75
Early Short Scarlet (Dutch Horn)	.15	.40	1.25
Guerande or Oxheart	.15	.35	1.00
Nantes Half Long Scarlet, Stump-rooted	.20	.35	1.00
Improved Long Orange	.10	.30	.80
Mastodon or White Intermediate	.10	.30	.90

USEFUL VEGETABLES

Chervil. Double curled	.10	.25	.75
Chicory, Magdeburg. Large Rooted	.20	.50	1.50
Chicory, Witloof or French Endive. Fancy	.25	.65	2.00
Corn Salad. Round leaved, large seeded	.15	.40	1.25
Cress, Curled or Pepper Grass	.10	.25	.70
Cress. Water Cress	.45	1.25	4.00
Cress, Upland	.15	.35	1.00
Collards	.10	.25	.75
Cardoon	.30	.90	3.00
Chives	.45	1.25	4.00

CAULIFLOWER

Vaughan's Extra Select Snowball, pkt., 25c; ¼ oz., 75c; ½ oz., $1.35; oz., $2.50; ¼ lb., $9.00.

Vaughan's New Snowball

One of our Specialties. We know our strain is the equal of any that can be produced. We have tried nearly every other on the market and we have never yet come across anything superior to **Vaughan's New Snowball.** It is the result of years of careful selection by a most capable and painstaking gardener who grows the seed especially for us on the island of Amagar, near Copenhagen, Denmark, where growing conditions are ideal for the production of perfect seed heads. **Vaughan's New Snowball** is the best general purpose variety for either spring or fall planting. Heads are usually 9 to 10 inches across, perfectly white, solid, deep and compact.
Pkt., 25c; ¼ oz., 70c; ½ oz., $1.25; oz., $2.00; ¼ lb., $7.00.

Sure Header. Pkt., 25c; ¼ oz., $1.00; ½ oz., $1.75; oz., $3.00.

Vaughan's Earliest Dwarf Erfurt

Combines all pedigree points—earliness, purity of color, dwarf habit and fine grain. A profitable market garden sort.
Pkt., 25c; ¼ oz., 65c; ½ oz., $1.15; oz., $2.00; ¼ lb., $7.00.

Dry Weather

For dry climate and dry seasons. Very sure heading and second early. Heads larger than Snowball and snow white.
Pkt., 25c; ¼ oz., 70c; ½ oz., $1.25; oz., $2.15; ¼ lb., $7.50.

Danish Snowball

This is a grand second early. It is the result of long, careful selection, and uniformly produces even, regular heads. Through many seasons it has proven itself reliable. Pkt., 25c; ¼ oz., 65c; oz., $2.00; ¼ lb., $7.00.

	Oz.	¼ lb.	Lb.
Autumn Giant. Very large and productive	$0.50	$1.50	$ 5.00

CELERY

	½ oz.			
Golden Phenomenal	$0.35	.65	2.00	7.00
Giant Pascal. Easy-blanching and a fine keeper	...	.30	.90	3.00
Soup Celery or Smallage. Green, for soups	...	.20	.50	1.50
Easy Blanching	...	.40	1.25	4.50
Emperor. Splendid Quality, Dwarf	...	.40	1.25	4.50
White Plume. Vaughan's Selected Stock	...	.30	.90	3.00
Golden Self-Blanching. New strain, tall	.35	.60	1.75	6.00
Golden Self-Blanching. Short	.35	.60	1.75	6.00
Golden Plume (Extra Selected)	.70	1.25	4.00	15.00
Golden Plume (Standard)	.35	.65	1.75	6.00
Michigan Golden (Yellows Resistant)	.85	1.50	5.50	20.00
Winter Queen	...	.25	.75	2.50
Golden Detroit	.35	.65	2.00	7.00
Utah Golden	.35	.60	1.75	6.00

CELERIAC

Large Smooth Prague. Earliest of all	...	.30	.90	3.00

SWEET CORN

	1 to 5 lbs. Per Lb.	10 lbs.	100 lbs.
***Golden Cross Bantam**	$0.40	$2.70	$25.00
***Tendergold**	.40	2.70	25.00
***Bancross (Top Cross Bantam)**	.40	2.70	25.00
***Early Bancross**	.40	2.70	25.00
***Marcross (Golden 60-Day Cross)**	.40	2.70	25.00
***Sweet Cross (Golden Early Sweet Cross)**	.40	2.70	25.00
***Whipcross (Whipple's Crossed)**	.40	2.70	25.00
Golden Bantam. Vaughan's Extra Quality	.20	1.60	14.00
Early Bantam	.20	1.60	14.00
Vaughan's Mammoth White Cory	.20	1.60	14.00
Vaughan's 60-Day White	.20	1.60	14.00
Vaughan's 60-Day Golden	.20	1.70	15.00
Bantam Evergreen, Vaughan's	.20	1.70	15.00
Howling Mob	.20	1.70	15.00
Early Evergreen. Second early large corn	.20	1.70	15.00
Adams. Extra early, not sweet but early	.20	1.20	10.00
Stowell's Evergreen	.20	1.80	16.00
Country Gentleman	.20	1.80	16.00
Whipple's Early Yellow	.20	1.60	14.00
Early Golden Sweet	.20	1.80	16.00
Barden's Wonder	.20	1.70	15.00
Golden Giant	.20	1.70	15.00

*Hybrid Varieties

FIELD CORN

Why should a gardener pay more money for hybrid corn than open pollinated? The following record is taken from our Ovid, Michigan, farm which shows the reason. Hybrids yield from 25% to 75% more than open pollinateds.

Wis. Hybrids average 60 bu. shelled corn per acre

No. 1218—45 bu. shelled corn per acre

M.A.C. Yellow—43 bu. shelled corn per acre

Madison Yellow Dent—39 bu. shelled corn per acre

Golden Glow — 32 bu. shelled corn per acre

In trials conducted in Michigan, Northern Illinois and Wisconsin, these hybrids have stood out against all others. For Cook Co. and surrounding territories, the 110, 115 and 120 day strains are recommended. Flat kernels (Edge Drop) per bushel, $7.00; per ½ bushel, $3.75; Medium Rounds (Hill Drop), per bu., $6.25; per ½ bushel, $3.25. Large Rounds, per bu. $5.50; per ½ bu. $3.00.

CUCUMBERS

	Oz.	¼ lb.	Lb.
Colorado or "A and C"	$0.20	$0.50	$1.50
Evergreen, or Extra Long White Spine	.20	.45	1.25
Davis Perfect	.20	.45	1.25
Vaughan's Improved Arlington	.20	.45	1.25
Improved White Spine	.20	.40	1.15
Improved Long Green	.20	.50	1.50
Earliest of All White Spine	.20	.40	1.15
Early Cluster	.20	.35	1.00
Japanese Climbing	.20	.45	1.35
Westerfield's Chicago Pickle. One of our specialties	.20	.35	1.00
Snow's Fancy Pickling	.20	.35	1.00
Lemon. (True cucumber)	.25	.60	1.70
Improved Jersey Pickling. A popular pickle	.20	.35	1.00
Boston Picking	.20	.35	1.00
Early Frame	.20	.40	1.15
West India Gherkin	.25	.60	1.75
Early Fortune	.20	.45	1.25
The Vaughan. Finest of all for forcing or outdoors	.20	.50	1.50
Chicago Special	.20	.45	1.25
Quick Grow	.20	.35	1.00
Deltus	.20	.50	1.50
Thorborn Everbearing	.20	.35	1.00
Mandarin	.25	.60	1.75
Black Diamond	.20	.50	1.50
Straight Eight	.20	.50	1.50

DANDELION

Thick Leaved or Cabbaging. Pkg., 15c	.50	1.50	5.00

DILL

Oz., 15c; ¼ lb., 25c; lb., 60c.

EGG PLANT

	Oz.	¼ lb.	Lb.
Black Beauty	$0.50	$1.50	$5.00
Vaughan's Improved N. Y. Purple	.45	1.35	4.50
Florida High Bush	.45	1.35	4.50

ENDIVE

Green Curled Pancalier, Rose Ribbed	.15	.45	1.25
Green Curled Summer	.15	.45	1.25
Green Curled Winter	.15	.45	1.25
Moss, Very Fine Curled	.15	.45	1.25
Broad-leaved White or Escarolle	.10	.35	1.00
Ever White Curled	.15	.45	1.25
Full Hearted Batavian	.10	.35	1.00

GARLIC

Selected Bavarian, lb., 25c. Write for prices on larger lots.

HERBS

Anise	.15	.30	....
Balm	.40	1.25	....
Borage	.15	.35	....
Chamomile	.30	.90	....
Coriander	.20	.45	....
Caraway	.20	.45	....
Catnip	.40	1.25	....
Fennel, Florence	.20	.45	....
Fennel, Sweet	.20	.45	....
Fennel, Wild	.20	.50	....
Horehound	.30	.75	....
Lavender Spica	.30	.90	....
Lavender (True)	.50	1.50	....
Mint (For Juleps)	2.25	....	....
Pennyroyal	.70	2.25	....
Peppermint	2.25	....	....
Pimpernel	.20	.60	....
Rosemary	.50	1.50	....
Rue	.30	.85	....
Saffron	.30	.75	....
Sage	.30	.75	....
Savory, Summer	.25	.65	....
Savory, Winter	.45	1.25	....
Sweet Basil	.30	.90	....
Sweet Marjoram	.30	.90	....
Tarragon	1.25	4.50	....
Thyme	.50	1.50	....
Wormwood	.30	.90	....
Woodruff	.70	2.25	....

KALE OR BORECOLE

Dwarf Green Curled	.15	.30	.90
Tall Green Scotch	.15	.30	.90
Siberian	.10	.25	.75
Vaughan's Excelsior Moss Curled. Best of all	.15	.35	1.00
Dwarf Scotch Curled	.15	.35	1.00

KOHLRABI

Short-leaved Early Erfurt	.25	.65	2.00
Early White Vienna	.25	.65	2.00
Early Purple Vienna	.25	.65	2.00
Forcing White Vienna	.30	.75	2.50

LEEK

Broad Scotch or London Flag	.25	.65	2.00
Large Musselburg	.25	.65	2.00
Large Carentan	.25	.65	2.00
Elephant	.30	.75	2.50

LETTUCE

Leaf Varieties

Black-Seeded Simpson, Vaughan's Selected Stock	.15	.45	1.25
Grand Rapids Forcing, Vaughan's Extra Selected Stock	.20	.60	1.75
Early Curled Simpson	.15	.40	1.15

Cabbage and Head Varieties

May King. Very early	.15	.40	1.25
Big Boston, Vaughan's Selected Stock	.20	.50	1.50
California Cream Butter	.15	.45	1.25
Iceberg	.20	.50	1.50
Imp. Hanson. Very large firm heads	.15	.45	1.25
New York No. 12	.20	.50	1.50

Cabbage and Head Varieties—Continued

	Oz.	¼ lb.	Lb.
New York No. 515 (Heat Resisting)	$0.20	$0.50	$1.50
New York (Imperial 847)	.25	.65	2.00
Prizehead	.15	.40	1.25
Unrivalled	.15	.45	1.25
Wayahead	.20	.50	1.50
Paris White Cos	.15	.45	1.25
Express Cos	.15	.45	1.25
Trianon Cos	.15	.45	1.25

MUSKMELON

Milwaukee Market Hand Cut, Select Melons	.25	.65	2.00
Vaughan's Improved Milwaukee	.15	.45	1.25
Extra Early Osage. (Vaughan's Selected)	.15	.45	1.25
Osage Vaughan's	.15	.45	1.25
Hearts of Gold or Improved Hoodoo	.15	.45	1.25
Paul Rose	.15	.45	1.25
Rocky Ford	.15	.35	1.00
Emerald Gem. One of the sweetest	.15	.35	1.00
Tip Top. A very fine market melon	.15	.45	1.25
Osage Gem	.15	.35	1.00
Extra Early Hackensack. Best strain	.15	.35	1.00
Banana	.15	.45	1.25
Honey Dew	.20	.50	1.50
Mango Melon or Vegetable Orange (Vine Peach)	.20	.60	1.75
Pollock-10-25	.15	.45	1.25
Edwards Perfecto	.15	.35	1.00
Bender's Surprise	.15	.35	1.00
Sweet Air (Early Knight)	.15	.45	1.25
Honey Rock	.15	.35	1.00
Hale's Best	.15	.45	1.25
Wisconsin Pride	.20	.50	1.50
Golden Osage	.20	.60	1.60

MARTYNIA

—For Pickles	.50	1.50	5.00

The young seed pods make fancy pickles.

WATERMELON

Citron	.15	.30	.85
Florida Favorite	.10	.25	.75
Early Fordhook	.10	.25	.75
Halbert Honey	.10	.25	.60
Rattlesnake	.15	.30	.85
Harris Earliest	.15	.30	.85
Kleckley's Sweet	.10	.25	.65
Sweetheart	.10	.25	.65
Winter	.15	.35	1.00
New Chilian	.15	.35	1.00
Tom Watson	.10	.30	.85
Cole's Early	.10	.25	.65
Irish Gray	.15	.30	.85
Excel	.10	.25	.75
New Wonder	.10	.25	.75
Stone Mountain	.10	.25	.75
Pride of Muscatine (Resistant)	.15	.35	1.00
Dixie Queen	.15	.35	1.00
Stone Mountain (Resistant)	.15	.35	1.00
Red Russian	.15	.35	1.00

MUSTARD

	Oz.	¼ lb.	Lb.	10 lbs. per lb.
White London	$0.10	$0.20	$0.50	$0.45
Giant Southern Curled	.10	.20	.50	.45
Chinese Smooth Leaved	.10	.20	.50	.45
Fordhook Fancy	.10	.20	.50	.45
Florida Broad Leaved	.10	.20	.50	.45
Tendergreen	.10	.20	.50	.45

MUSHROOM SPAWN

Lambert's New Spore Culture Spawn. Made by an entirely new process. More vigorous and more productive than tissue spawn. Produces mushrooms of greater uniformity and truer to type.

8. Cream-White, Mammoth Strain.
9. White (Alaska) Mammoth Strain.

(Bricks weigh approximately 1 lb.)

1 Brick	5 Bricks	10 Bricks	100 Bricks
35c	$1.50	$2.50	$18.00

Sterilized Bottle Spawn, in cartons. One carton will spawn 40 square feet. 75c per carton. $7.50 per doz. Write for circular.

OKRA

	Oz.	¼ lb.	Lb.
Dwarf Long Pod, White Velvet, Tall or Perkins' Mammoth. Prices of all of the above	$0.10	$0.20	$0.50

ONION

	¼ lb.	Lb.	5 lbs., per lb
Large Red Wethersfield	$0.60	$1.40	$1.30
Southport Red Globe	.60	1.50	1.40
Southport Yellow Globe, California-grown	.60	1.60	1.50
Southport Yellow Globe, Eastern-grown	.65	2.00	1.90
Ideal Southport White Globe	.65	2.00	1.90
Ailsa Craig	.65	1.85	1.75
Australian Brown Flat	.60	1.40	1.30
Riverside	.65	1.75	1.65
Mammoth Silver King	.65	1.75	....
Ohio Yellow Globe	.60	1.60	1.50
Bermuda Yellow	.70	2.10	2.00
Bermuda Crystal White Wax	.75	2.35	2.25
Prizetaker	.60	1.75	1.65
White Barletta	.65	1.75	....
White Pearl	.65	1.75	....
White Portugal	.60	1.40	1.30
Early White Welsh	.65	1.75	....
Yellow Globe Danvers	.60	1.60	1.50
Fancy Yellow Globe Danvers	.65	1.80	1.70
Golden Globe	.50	1.50	1.40
Riverside White Spanish	.75	2.35	2.25
Yellow Strassburg	.60	1.40	1.30
Vaughan's Special Yellow Globe (Early Mountain Danvers)	.60	1.50	1.40
Japanese or Ebenezer	.45	1.30	1.20
White Bunch (Lisbon)	.60	1.80	1.70
He-Shi-Ko (Bunching)	.65	2.30	2.20
Yellow Globe Brigham	.65	1.70	1.60
Sweet Spanish	.75	2.50	2.40

PARSLEY

	Oz	¼ lb.	Lb.
Vaughan's Champion Moss Curled	$0.15	$0.30	$0.80
Double Curled	.15	.30	.80
Fern Leaved	.15	.40	1.25
Plain	.10	.25	.75
Hamburg Rooted. Special	.20	.50	1.50
Hamburg (Standard)	.15	.35	1.00
Vaughan's XXX	.15	.40	1.25

PARSNIP

Long Smooth, Hollow Crown	.15	.30	.90
Improved Guernsey	.15	.30	.90
Magnum Bonum	.15	.35	1.00
Vaughan's Intermediate	.15	.35	1.00
White Queen	.15	.30	.90

PEAS

	1 to 5 lbs., per lb	10 lbs.	100 lbs.
Alaska	$0.25	$1.45	$12.50
Alderman	.25	1.60	14.00
American Wonder	.25	1.60	14.00
Ameer	.25	1.70	15.00
Black-Eyed Marrowfat	.25	1.60	14.00
Dwarf Defiance	.25	1.70	15.00
Dwarf Gray Sugar	.25	1.80	16.00
Dwarf Telephone or Daisy (extra choice)	.25	1.70	15.00
Extra Early Prem. Gem or Little Gem	.25	1.60	14.00
Everbearing	.25	1.70	15.00
First and Best	.25	1.60	14.00
Improved Gradus or World's Record	.25	1.70	15.00
Laxtonian	.25	1.70	15.00
Laxton's Progress	.25	1.70	15.00
Little Marvel	.25	1.70	15.00
Mammoth Podded Sugar	.25	2.00	18.00
Nott's Excelsior. One of the best earlies	.25	1.60	14.00
Improved Strategem	.25	1.70	15.00
Sutton's Excelsior	.25	1.70	15.00
Telephone. Vaughan's Improved	.25	1.60	14.00
Thomas Laxton	.25	1.60	14.00
White Marrowfat. Large	.25	1.60	14.00
Century of Progress	.25	1.80	16.00
Giant Stride (Wilt Resistant)	.25	1.80	16.00

PEPPER

	½ oz.	Oz.	¼ lb.
Vaughan's Magnum Dulce. Largest	$0.35	$0.65	$2.00
Vaughan's Sweet Mountain	.25	.45	1.25
Bullnose (Hot)	.25	.45	1.25
King of the North	.30	.50	1.50
Large Bell (Sweet)	.25	.45	1.25

PEPPER—Continued

	½ oz.	Oz.	¼ lb.
Cayenne, Long Red	$.25	$0.45	$1.25
Chinese Giant	.35	.60	1.75
Crimson Giant	.30	.50	1.50
Red Chili	.30	.50	1.50
Ruby King	.20	.35	1.00
Perfection Pimento	.20	.30	.90
Short Sharp Finger	.35	.65	2.00
Sunnybrook, Tomato Shaped	.20	.35	1.00
Tobasco	.30	.50	1.50
Hungarian Hot	.35	.65	2.00
Hungarian Sweet	.35	.65	2.00
Harris Giant	.30	.50	1.50
Worldbeater	.25	.40	1.25
California Wonder	.35	.65	2.00
Early California Wonder	.40	.75	2.50
Oshkosh	.40	.75	2.50

PUMPKIN

	Oz.	¼ lb.	Lb.
Winter Queen or Winter Luxury	$0.15	$0.35	$1.00
Vaughan's Mammoth Prize	.15	.40	1.25
Japanese Pie	.15	.35	1.00
Large Cheese	.15	.25	.60
Large Connecticut Field or Big Tom	.15	.25	.60
Large Tours or Mammoth French	.15	.40	1.25
Sweet Potato	.15	.35	.90
Cushaw, White	.15	.30	.80
Cushaw, Striped	.15	.30	.80
Cushaw, Golden	.15	.30	.80
Vaughan's Small Sugar Pie	.15	.25	.60

RADISH

	¼ lb.	Lb.	100 lbs. Per lb.
Cincinnati Market. Long Scarlet	$0.25	$0.60	$0.50
Crimson Giant Forcing	.30	.80	.70
Earliest White Olive	.35	1.00	.90
Earliest White Turnip (White Box)	.25	.80	....
Improved Early Scarlet Globe, Vaughan's Select Forcing. (Short Top)	.30	.90	.80
Early Scarlet Globe. (Medium Top)	.25	.60	.45
Early Deep Scarlet Turnip	.30	.80	.70
Early Scarlet Globe, White Tip	.30	.90	....
Saxa. Earliest Round Red	.30	.80	.70
Early Long Scarlet Short Top	.25	.75	.65
White Stuttgart	.30	.80	.70
Improved French Breakfast	.25	.60	.50
Vaughan's Giant Butter Radish	.35	1.00	....
Golden Yellow Summer	.35	1.00	....
Half Long Deep Scarlet	.30	.80	....
Brightest Long Scarlet (Cardinal)	.25	.60	.50
White Strassburg	.30	.80	.70
Long White Vienna	.25	.70	....
Vaughan's 20-Day Forcing. Early Olive-shape	.30	.80	....
Scarlet Turnip, White Tip (Sparkler)	.20	.60	.45
Scarlet Turnip, White Tip (American)	.20	.60	.45
White Icicle. The earliest long white	.25	.70	.60

Winter Varieties

Chinese Mammoth or Celestial	.30	.85	.75
California Mammoth White	.30	.85	.75
Half Long Black Winter	.30	.85	.75
Long White Spanish	.30	.85	.75
Long Black Spanish	.30	.85	.75
Rose or Scarlet China Winter	.30	.85	.75
Round Black Spanish	.30	.85	.75
The Munich	.35	1.00	....

RHUBARB

	Oz.	¼ lb.	Lb.
Flare	$0.50	$1.50	$5.00
Vaughan's Mammoth	.20	.60	1.80
Victoria	.20	.60	1.80

ROOTS

	10	100	1000
Victoria, ¾ to 1 in. caliper	$0.60	$2.75	$22.00
1 to 1½ in. caliper	.75	4.00	27.00
3 yr. 1½ to 2 in. caliper	1.00	6.00	45.00
Strawberry, transplanted 2 yr.	1.50	12.00	.....
McDonald (New Crimson), divisions	2.00	17.50	.....

HORSERADISH

Per 100, $1.50; per 1,000, $10.00; 5,000, per 1,000, $9.00.

SALSIFY

	Oz.	¼ lb.	Lb.
Mammoth Sandwich Island	$0.25	$0.65	$2.00

SORREL

French	.20	.45	1.25

SPINACH

	Lb.	10 lbs. Per lb.	100 lbs. Per lb.
Bloomsdale Dark Green	$0.30	$0.23	$0.20
New Long Standing Bloomsdale	.30	.23	.20
Bloomsdale or Norfolk, Savoy-Leaved	.30	.20	.18
Extra Large Round Leaved	.25	.20	.18
Monstrous-Leaved Viroflay	.30	.20	.18
Prickly Seeded	.30	.23	.20
Princess Juliana, Long Standing	.30	.23	.20
Old Dominion	.30	.23	.20
Virginia, Blight Resistant	.30	.23	.20
Tetragonia or New Zealand Oz., 20c.	.50	...	...
Antvorskov (King of Denmark)	.30	.23	.20
Vaughan's Special	.35	.28	.25
Gaudry L. S. or Nobel	.30	.23	.20
Broad-Leaved Flanders	.25	.20	.18
Viking	.30	.24	.22
Summer Savoy	.30	.24	.22
Winter Giant	.35	.28	.25

SWISS CHARD

	Oz.	¼ lb.	Lb.
Cut and Come Again	$0.10	$0.25	$0.75
Lucullus	.10	.30	.80
Dark Smooth. Broad White Rib	.10	.30	.80
Giant Fordhook	.10	.30	.80

SQUASH

Banana	.15	.45	1.25
Benning's	.15	.45	1.25
Blue Hubbard	.15	.45	1.25
Boston Marrow	.10	.25	.75
Buttercup	.20	.50	1.50
Chicago Warted Hubbard	.15	.45	1.25
Cocozelle	.15	.45	1.25
Delicious	.20	.50	1.50
Table Queen, "Des Moines," Acorn	.15	.45	1.25
Early White Bush	.15	.35	1.00
Vaughan's Giant Summer Crookneck, Yellow	.15	.35	1.00
Golden Hubbard	.15	.45	1.25
Original Hubbard. Extra Select	.15	.45	1.25
Kitchenette Small Hubbard	.15	.45	1.25
Mammoth White Bush. Extra Select	.15	.35	1.00
Mammoth Yellow Bush	.15	.35	1.00
Mammoth Chili	.15	.45	1.25
Sweet Potato	.20	.50	1.50
Vegetable Marrow	.15	.45	1.25
Yellow Straightneck	.15	.35	1.00
Yellow Summer Crookneck	.15	.35	1.00
Zucca de Pergola. Italian Sort	.25	.65	2.00
Italian Marrow Zucchini. Black	.15	.45	1.25
Italian Marrow Zucchini. Gray	.15	.45	1.25

TOMATO

Avon Early. A first early red	.30	.90	3.00
Beauty. Midseason pink	.45	1.25	4.00
Bonny Best. Second red, called by market gardeners "yellow"	.30	.90	3.00
Chalk's Early Jewel. An early red	.30	.90	3.00
Cooper's Special. Midseason pink	.45	1.25	4.00
Crimson Cushion or Beefsteak. Medium late, red, very large	.50	1.50	4.75
Dwarf Champion. Medium late pink	.50	1.50	5.00
Dwarf Stone. Midseason red	.50	1.50	5.00
Earliana. Earliest red	.45	1.25	4.00
Early Detroit. Early, pink	.45	1.25	4.00
Golden Ponderosa. Late yellow	.60	1.75	6.00
Golden Queen. Midseason yellow	.45	1.25	4.25
Greater Baltimore. Medium early red	.30	.85	2.75
Greater Baltimore, (Indiana Strain) Certified.	.35	1.00	3.75
Ground Cherry	.50	1.50	....
Gulf State. Midseason pink	.45	1.25	4.00
Hudson Valley Maid. Midseason potato-leaved red	.45	1.25	4.00

TOMATO—Continued

	Oz.	¼ lb.	Lb.
John Baer. A first early red	$0.45	$1.25	$4.00
June Pink. Second-early pink	.45	1.25	4.00
Matchless. Midseason red	.45	1.25	4.00
Livingston's Globe. Midseason pink	.45	1.25	4.00
New York or Velvet. Second early red	.45	1.25	4.00
N. Y. State	.75	2.50	8.00
Ponderosa. One of largest midseason pink	.50	1.50	5.00
Oxheart. Pink	.65	2.00	7.50
Red Cherry	.50	1.50	....
Red Currant	.50	1.50	....
Red Pear	.50	1.50	....
Red Peach	.50	1.50	....
Red Plum	.50	1.50	....
Rutgers. Red	.45	1.25	4.00
Rutgers, Certified	.50	1.50	5.00
Yellow Pear	.50	1.50	....
Yellow Peach	.50	1.50	....
Yellow Plum	.50	1.50	....
Stone, Improved. Medium early red	.30	.90	3.00
Trucker's Favorite. Pink	.45	1.25	4.00

Resistant Varieties

Break O'Day. Red	.40	1.00	3.50
Early Baltimore. Red	.45	1.25	4.00
Illinois Pride. Red	.45	1.40	4.00
Marglobe. Red	.40	1.00	3.50
Marglobe, Certified	.45	1.25	4.25
Marhio. Pink	.50	1.50	4.75
Marvelossa. Pink	.60	1.75	6.00
Norton. Red	.30	.90	3.00
Prairiana. Red	.45	1.40	4.00
Pritchard. Red	.45	1.25	4.00
Pritchard, Certified	.50	1.50	5.00
Illinois Baltimore	.45	1.25	4.00

Forcing Sorts

	Pkt.	Oz.	Lb.
Best of All, Red	$0.25	$0.75	....
Bonny Best. Red	.25	.75	....
Livingston's Globe. Pink	.25	3.00	....
Grand Rapids. Red	.25	1.50	....
*Marhio. Pink	.25	.75	....
*Marglobe. Red	.25	.75	....
*Michigan State. Red	.25	2.50	....
*Lloyd. Red	.25	1.00	....
*Blair. Pink	.25	1.00	....
*Urbana. Pink	.25	1.00	....
*Sureset. Pink	.25	1.00	....
*Long Calyx. Red	.25	1.00	....
*Globelle. Pink	.50	3.50	....

*Resistant.

TURNIP

	Oz.	¼ lb.	Lb.
Early White Milan. Earliest of all	$0.10	$0.25	$0.80
Early Extra Purple Top Milan	.10	.25	.80
Purple Top Strap Leaf	.10	.20	.50
White Egg	.10	.20	.50
Purple Top White Globe	.10	.20	.50
Large Yellow or Amber Globe	.10	.20	.50
Golden Ball or Orange Jelly	.10	.20	.50
Cowhorn or Long White	.10	.20	.50
Early Snowball	.10	.20	.50
Seven Top	.10	.20	.50
Shogoin or Foliage Turnip	.10	.20	.50

RUTABAGA OR SWEDE

Vaughan's American Purple Top Improved	.10	.25	.60
Bangholm Danish	.10	.25	.60
White Swede	.10	.25	.60
Canadian	.10	.25	.60
Neckless	.10	.25	.60

Insecticides and Fungicides

Add Postage According to Weight and Zone (See Order Blank).

In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

PARIS GREEN. Oldest and best brand. For chewing insects on potatoes and certain other hardy plants. Kills quickest. ¼ lb. carton, 20c; doz., $1.80; 1 lb., 40c; 5 lbs., $1.75; 14 lbs., $4.60.

ANSUL FORMALDEHYDE DUST. Control "damping off" of flower and vegetable seedlings. Price, 1 lb., 75c; 5 lbs., $2.00; 25 lbs., $5.50; 50 lbs., $9.00.

ANT EXTERMINATOR. Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of Illinois and New York.) Per box, 40c; smaller size, 25c; by mail, 5c extra.

ANTROL ANT POWDER. Kills ants, roaches, silverfish and other pests. Packed in handy shaker twist-top can. Ea., 15c; case of 24, $2.40.

ANTROL ANT TRAPS. Kill both sweet and grease eating ants. Packed 12 in a display carton, retail at 15c each; carton of 12 traps, $1.20.

APHINE. ½ pt., 40c; pt., 75c; 1 qt., $1.10; 1 gal., $3.00.

ARSENATE OF LEAD. The standard spray or dust for quick, dependable control of practically all leaf-eating (not sucking) insects. 1 lb. carton, 30c; doz., $2.82; case of 24, $5.40; 4 lb. bag, 75c; 48 lbs., $7.20; 100 lbs., $13.50.

BLACK ARROW DUST. A non-poisonous pyrethrum dust, effective against many insects. Price, 1 lb., 80c; doz., $6.40; 10 lbs., $3.35; 25 lbs., $7.70; 50 lbs., $14.70; 100 lbs., $26.70.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. One pound will make 5 gallons liquid. Lb., 30c; doz., $2.60; 4 lbs., 70c; case of 24 lbs., $3.50.

CALCIUM, ARSENATE. (Dry.) Lb., 30c; 4 lbs., 70c.

CALO-GREEN. For control of neck rot or scab on gladiolus. Per lb., $2.25; 5 lbs., $10.00. Write for price on larger quantities.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 50c; ¼ lb., 25c; doz., $2.00.

COPPER SULPHATE. Crystals. 10 lbs., $1.50; 25 lbs., $3.50; 100 lbs., $12.50.

CUPROCIDE RED COPPER OXIDE. Use for dusting seeds to insure germination and prevent see decay and damping off. May be used as a spray for mildew. 1 lb., 90c; 5 lbs., $3.75; 20 lbs., $12.00; 50 lbs., $25.00.

CUPROCIDE 54. 3-lb. package, $1.25; case of 16 pkgs., $15.36.

CYANOGAS "A" GRADE. For moles, rats, gophers, and other ground rodents. (By express only.) ½ lb., doz., $3.60; 1 lb., doz., $6.00; 5 lbs., each, $3.00; 4-oz. tins for ants, doz., $2.40.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphids, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. (By express only.) 5 lbs., $3.00; 25 lbs., $10.00; 100 lbs., $25.00. Write for leaflet.

CYCLONOX. A practical spray for the control of red spider, dilutes 1 to 400. Price, qt., $4.70; gal., $16.85; 5 gal., $78.00.

DENDROL. Dormant tree and shrubbery spray. Price, per gal., $1.25; 5 gals., $3.45; 15 gals., $8.80; 55 gals., $33.00.

DERRISOL. Is an odorless, non-poisonous liquid, which will control sucking insects like aphids, thrips, leaf hoppers and red spiders, also controls currant worms and other leaf-eating larvae. Oz., 35c; doz., $2.70; 8 oz., $1.20; 2 lbs., $3.00; 10 lbs., $12.00.

DOGZOFF. Keep dogs and other animals away from trees, shrubs, evergreens, etc. Bottle, 60c; doz., $4.80; gross, $46.08.

DRY LIME SULPHUR. For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Lb., 35c; doz., $3.00; 5 lbs., $1.50; 25 lbs., $4.50; 100 lbs., $11.50.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; doz., $2.50; 5 lbs., 95c; 10, $1.85.

FLOWERS OF SULPHUR. Dusting grade. Lb., 15c; 10 lbs., $1.00; 50 lbs., $2.45; 100 lbs., $3.85.

FUME TOBAC. 25 lb. drum, $5.00; 50 lb. drum, $8.00; 100 lb. drum, $15.00.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pint, 60c; 1 qt., $1.00; gal., $3.00.

GRAPE AND ROSE DUST. Excellent for the prevention and destruction of mildew on plants. 1 lb., 35c; 5 lbs., $1.25; 10 lbs., $2.25; 25 lbs., $4.50.

HELLEBORE POWDERED, White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., $2.25; 10 lbs., $4.00.

HITOX. Effective double active insecticide. Pint, $1.75; qt., $3.00; gal., $9.00; 5 gals., $40.00.

LEMON OIL. Destroys mealy bug, scale, red spider. ½ pt., 30c; pt., 50c; qt., 75c; ½ gal., $1.50; gal., $2.50; 5 gals., $10.00.

LETHANE-440. A very effective insecticide for controlling red spider and mealy bug. Qt., $2.75; gal., $7.00; 5 gals., $30.00; 15 gals., $82.50.

LETHANE SPREADER. Gal., $1.80; 5 gal. can, $8.50.

LIME SULPHUR. (Solution.) The best remedy for San Jose scale. One gallon makes twelve. Per qt. can, 50c; 1 gal., $1.10; 5-gal. can, $4.00 Write for prices in barrel lots.

LORO. A new contact insecticide for controlling aphids, thrips, red spiders, etc. Pint, $2.00; gal., $10.50; 5 gals, $45.00.

RIDGID DUST (formerly **Lutzite**). The one dust that does triple duty. 1 lb. tins, each, 50c; doz., $4.20; 10 lb. tin, $3.25; 25 lb. drum, $7.00; 50 lb. drum, $12.50; 100 lb. drum, $24.00.

McCONNON 114Y SPRAY. Qt., $2.50; gal., $8.50; 5 gals., $37.50; 10 gals., $70.00.

NAPTHOLINE FLAKES. 10 lbs., $1.35; 25 lbs., $3.25.

NAPTOCIDE. New plant and bulb fumigant; effective against thrips, wood-lice, sow bugs, wire worms, etc. 5 lbs., $1.35; 10 lbs., $2.25; 25 lbs., $4.35; 100 lbs., $13.75.

"NICO-FUME." A Tobacco Paper for Fumigating. Strips of paper strongly saturated with nicotine. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, $1.25; 144 sheets, $4.50; 288 sheets, $8.00.

NICO-FUME LIQUID. For fumigating or spraying; contains 40% nicotine. 1 lb., $2.25; 4 lbs., $5.75; 8 lbs., $10.00.

NICO-FUME POWDER FUMIGATOR. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 5-lb. tin, $3.35; 10-lb. tin, $5.85.

NICO-FUME PRESSURE FUMIGATOR. Put up in ½-lb. and 1-lb. cans, powder is now burned under pressure giving better control of insects. The cans have a sparkler for lighting the powder. ½ lb. cans, 45c; six for $2.40; doz., $4.20; 1 lb. cans, 75c; six for $3.75; doz., $7.00. Orders for 36 1-lb. cans or 60 ½-lb. cans prepaid by freight in United States and many parts of Canada. Also on a combined shipment of both sizes in full case lots weighing a total of not less than 50 lbs.

NICO-ROTE. A combination of nicotine and rotenone. Kills by contact and fumes. Qt., $4.00; gal., $12.00.

NICOTINE. Fumigating powder. 10 lb. cans. $5.85.

NIKOTEEN. 30% grade. For spraying and fumigating. Oz. bottle, 35c; doz., $2.50; ½ pt., $1.00; pt., $1.75; 3 pts., $5.00; original case, 10 pts., $16.00. 40% grade, 4 lbs., $5.75; 8 lbs., $10.00.

NU-GREEN. A remedy for brown patch control in creeping bent lawns. 3 oz. tins each, 35c; doz., $3.00; carton of 36 tins, $8.40; 1 lb. tins, each, $1.45; doz., $11.50; 5 lbs. each, $6.30; case of 6 tins, $28.20. Write for price on larger containers.

OXO BORDEAUX (patented). Excels Bordeaux Mixture or other copper sprays for safe, dependable control of fungus diseases. The only Colloidal Copper fungicide. 1 lb. carton, 30c; doz., $2.75; 4 lb. bags, each, 70c; 48 lbs., $6.75.

PENETROL. An activator for nicotine spraying solutions. Qt., 75c; gal., $1.75; 5 gals., $6.75.

PINE TAR. For tree surgery. Per qt., 60c; gal., $1.25.

PYROTE. Double acting non-poisonous insect spray. 1 oz. bottles, 12 to a display carton, price, $2.75; 6 oz. bottles, 12 to a display carton, price, $8.00; gal., $11.00.

POMO GREEN. Without nicotine. The new green fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Lb., 50c; doz., $4.00; 5 lbs., $1.75; 25 lbs., $8.00.

POMO GREEN. With nicotine. 1 lb., 75c; doz., $6.00; 5 lbs., $3.00.

PYRETHRUM POWDER. Per 1 lb., 75c; 5 lbs., $3.00; 10 lbs., $5.50; 25 lbs., $13.50. Write for price on larger quantities.

RESPIRATORS. For mild fumigating and dusting. Each, $1.75; 3 for $4.95.

SULPHUR FOR SPRAYING. Magnetic spray. Wettable. Goes into suspension in water immediately like colloidal sulphur, at a lower cost. Price, 4 lbs., 50c; 100 lbs., $8.00.

INSECTICIDES AND FUNGICIDES—Continued

ROTOGREEN

1 pint	$1.75	1 gallon	$10.00
1 quart	3.00	5 gallons	40.00

Very effective for Thrip, Red Spider and Mealy Bug in addition to the more easily controlled pests. Does not burn and leaves no poisonous residue.

SCALECIDE. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 65c; gal., $1.55; 5 gals., $5.50; 10 gals., $9.50. Write for price in barrel lots.

SELOCIDE. Kills red spiders. Price, gal., $3.00; 5 gals., $13.50; 10 gals., $24.50; 30 gals., $58.50; 50 gals., $86.50.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. Prices, 2 oz., 35c; doz., $3.00; 1 lb., $2.25; 5 lbs., $9.90; 25 lbs., $45.50; 100 lbs., $180.00. Write for leaflets stating for what purpose desired.

Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

SNAROL. An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. Price, 1½ lb., 35c; doz., $2.80; 4 lbs., 85c; doz., $6.80; 15 lbs., $3.00; doz., $24.00; 50 lbs., $7.00.

GRASSELI S. S. 3 COMBINED SPREADER AND STICKER. Designed especially for use with agricultural sprays. Price, pt., 75c; gal., $4.75.

SPRAYLITE. Qt., $1.75; gal., $6.00.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 5 lbs., 35c; doz., $2.80; 10 lbs., 65c; 25 lbs., $1.00; 100 lbs., $2.75.

SULROTE. A combination dust sulphur and rotenone. 1 lb. canisters (24 per case), per doz., $3.20.

TARTAR EMETIC. A spray for the control of Thrip, a life saver for gladiolus growers. Price, 1 lb., 60c; 5 lbs., $2.50; 25 lbs., $11.50; 100 lbs., $40.00.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 65c; qt., $1.25; gal., $4.80.

TOBACCO DUST (Regular Grade). 10 lbs., 60c; 25 lbs., $1.00; 100 lbs., $2.95.

TOBACCO STEMS. 100 lbs., $2.25; 500 lbs., $9.50; 1000 lbs., $18.00.

TRI-OGEN. Fungicide insecticide and plant stumulant. A, small kit, makes 16 qts., $1.50. B, medium kit, makes 64 qts., $4.00. C, large kit, makes 32 gallons, $6.00. D, estate kit, makes 128 gallons, $20.00.

VERMINE. For eel, cut worms and wire worms, working in the soil. Can be applied to all vegetation. ½ pt., 40c; pt., 75c; qt., $1.10; gal., $3.00.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. Qt., 75c; gal., $2.00; 5 gals., $6.25; 14 gal. drum, $14.00; 28 gal. drum, $25.00; 54 gal. drum, $45.00.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc. Price, qt., $1.00; gal., $3.00; 5 gals. for $12.00.

WONDER-GROWTH Insecticide, Fumigant and Fertilizer. A finely ground ALL Tobacco Insecticide, Fumigant and Fertilizer. Very effective in all three of its uses. A very excellent plant food for flowers, lawns, gardens and shrubbery. 25 lbs., $1.50; 100 lbs., $4.25.

Items You Can Sell

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

ACME ALL-ROUND SPRAY. A combination insecticide and fungicide to control sucking and chewing insects. Will combat blight and fungus diseases. ¼ lb. cans, doz., $3.00; 1 lb. cans, doz., $6.60.

ANT KILLER. Master ½ oz., bottles. Doz., 75c; 2 oz. doz., $2.00; 4 oz. doz., $4.00.

ANTROL READY FILLED SETS. Consisting of four patented glass feeders. Per doz. sets, $3.20. Retails at 40c set. Packed in a strong display carton.

ANTROL SETS for exterminating ants in lawn, garden, and flower beds. Containing 4 jars and 4-oz. bottle antrol syrup. Per doz. sets, $6.00. Retails at 75c set.

APHIS SPRAY. A combination of Black Leaf 40 and Fish Oil Soap. Per doz. 3-oz. tubes, $2.70. Retails at 35c per tube.

BLACK LEAF 40. Oz. bottles, doz., $2.67; carton of 24, $5.30; 5-oz bottles, doz., $8.00; 1 lb., $2.00 ea.; 2 lbs., $3.00 ea.; 5 lbs., $5.75 ea.; 10 lbs., $9.75 ea.

BUGGUN. Rotenone dust in a blower type package. Doz., $2.80. Retails at 35c.

DAWG-GONE. Protects evergreens from dogs. Per doz. tubes, $2.00.

MULTICIDE. Replaces New Evergreen. Killing power multiplied kills more insects, made especially for commercial growers, makes one spraying do the work of several. Qt., $2.50; gal., $9.50; 5 gal., $42.50; 10 gals., $81.00; 30-gal. drums at $7.15 per gal.; 53-gal. drums at $6.85 per gal.

EVERGREEN SPRAY. A non-poisonous contact insecticide. Oz. bottle, 35c; per doz., $2.70; per carton of 24 bottles, $5.40; 6 oz. bottle, 85c; doz., $8.00; gal., $9.50.

NICOTINE PYROX. 17.6-oz., jars, doz., $4.20; carton of 24, $7.84; 5 lbs., $1.50; case of 12, $14.00; 25 lb. drum, $5.65; 50 lb. drum, $9.25.

PYROTE. A combination spray consisting of rotenone and pyrethrum. 1 oz. bottles 12 in a display carton, $2.75; 6 oz. doz., $8.00; pints doz., $16.00.

PYROX. Combination insecticide and fungicide. 25 lbs., $5.00; 100 lbs., $12.50.

RATKISSES. Put up on easel card holding 12—25c pkgs., containing 12 ratkisses each. Price, per card, $2.00; six or more cards at $1.80 per card.

RED ARROW A combined Rotenone and Pyrethrum spray. Assortment for re-sale. Per carton of 24 oz. bottles and 2¼-point bottles. Price, $5.40. Retails for $10.40. Pint, $2.50; qt., $3.60; gal., $10.70; case of 6 1 gal. cans at $10.35 gal.

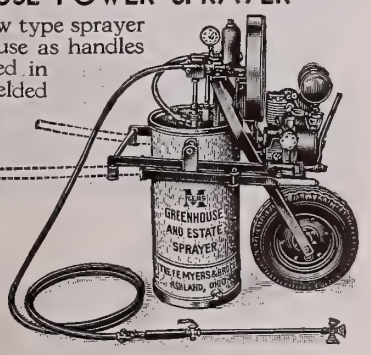
ROTECIDE. Standard rotenone spray. Oz. bottles, doz., $2.50. Per pint, $1.75; qt., $3.00; gal., $8.00; 5 gals., $35.00; 15 gals., $95.00.

ROTENONE DUST ¾%. For control of Mexican bean beetle use this dust at rate of 15 to 25 lbs. per acre depending on the density of the foliage for spraying. 1 lb. to 10 gals. of water. Price, 24 1-lb. bags, 17½c lb.; 6 5-lb. bags, 16c lb.; 25-lb. bags at 15c lb.; 50-lb. bags at 14½c lb.; 100-lb. bags, 13½c lb.; canister, 32c lb.

SLUG SHOT, Hammond's. An insecticide for destroying chewing insects. Doz. 1-lb. pkgs. for $1.80; 5-lb. pkgs., 12 for $7.20; 125 lb. keg, $12.50; 250 lbs. in bulk, $24.00.

TREE TANGLEFOOT. 6 oz. case of 24 cans, $5.60; 1-lb. cans, per doz., $5.80; per case of 24, $11.20; 5-lb. can, $2.45; case of 6, $13.20; 10 lbs., $4.50 each; case of 4 cans, $16.80; 25 lbs., $9.50 each.

MYERS GREENHOUSE POWER SPRAYER



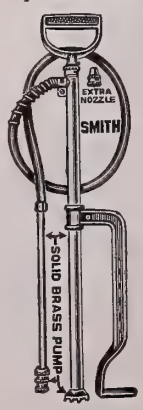
Power operated, wheelbarrow type sprayer recommended for greenhouse use as handles may be folded back, or reversed in narrow aisles. All steel welded frame, 12½ gal. galvanized tank, porcelain lined pump 225 lbs. pressure; ¼ H. P. motor or ½ H. P. gas engine. 15 ft. ⅜" hose, shutoff and nozzle, 18 ft. pipe extension. Motor driven with 50 ft. of Cord and Plug, Steel wheel, Fig. 3061, $78.00.

Motor driven with 50 ft. Cord and Plug, Rubber Tire $88.00.

Engine Driven, Steel Wheel 100.00
Engine Driven, Rubber Tire. Fig. 3062 ..... 110.00

Write for leaflet and price list on Hardie Greenhouse Special Power Sprayer.

The Kinney. Used for spraying liquid manures. Worked by Water pressure. Nickled iron. Construction simple. Ea., $2.75.



STURDY PUMP

Perfection Sprayer. Funnel top tank is made of heavier metal than used for similar sprayers, while the valve and pump are very well made. The hose is attached at such an angle that it will not kink. Unexcelled for Whitewash, Water, Paints, Insecticides.

ERFECTION

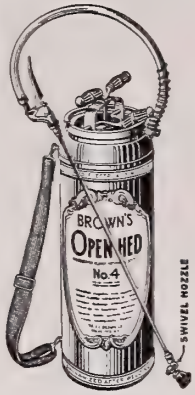
Galvanized steel, $6.50; solid brass, $9.35.

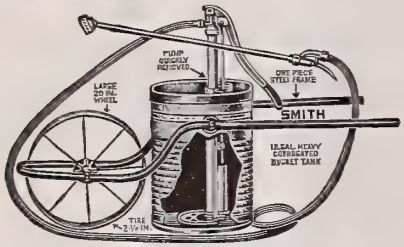
Sturdy Bucket Pump. Excellent for use in gardens, greenhouses and orchards, also for whitewashing and spraying poultry houses. Price, wiithout pail, $3.75.

Sprayers and Dusters

SMITH'S LIGHTNING SPRAYER. A durable low priced sprayer, has a funnel top, made of heavy steel or solid brass, tank as illustrated. 3½ gallon capacity. Price, Galvanized, $3.75; Brass, $6.95.

BROWN'S NEW OPEN-HED. Tank heavy steel or brass copper alloy, 4-gal. capacity guaranteed for 100 lbs. pressure. Electrically welded seams double acting pump lock, tank opening is five inches in diameter; has a rubber double grip pump handle and swivel nozzle which can be adjusted to any angle, price complete as illustrated. Galvanized tank, $6.25; Copper, $8.95.





WHEELBARROW SPRAYER. Goes anywhere like a wheelbarrow through narrow openings. For spray solutions, disinfectants or white wash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 18 gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, $17.50. Shipping weight, 65 lbs.

Same as above. With air pressure tank, tested under pressure of 275 lbs., fitted with pressure gauge reading to 200 lbs. Price, $27.95; with Pneumatic tire, $34.95.

Greenhouse Wheelbarrow Sprayer. Similar to above, but with smaller pump. Width adapts it for greenhouse and nursery use. Handles all insecticides and fungicides. Price complete, $10.95.

Paragon Wheelbarrow Sprayer. Greenhouse and Nurserymen Sprayer. 12-gal. capacity on one or two wheel barrow type truck. Complete with hose, rod and nozzles. Price, $19.50.

Paragon Power Sprayer. Complete with gas engine or electric motor hose nozzle and fittings. Price $210.00. **Write for leaflet on this sprayer.**

BLIZZARD COPPER CONTINUOUS SPRAYER. Very durable, seamless brass pump, solid copper quart tank with adjustable nozzle for straight and underleaf spraying. Each, $1.85; six for $8.00.

INSECTO GUN. Applies fertilizer and insecticides as easily as sprinkling the lawn. Adjustable from a wide finely atomized fog-spray to high stream for reaching top of trees. Each, $3.25.

POWDER GUNS. The best dry powder guns for blowing powder on plants and insects. **Cyclone.** Each, 20c; doz., $1.80. **Jumbo.** Each, 45c; doz., $4.00.

SCOLLAY'S FAMOUS FLORISTS' SPRINKLER.

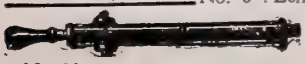
We Are General Western Agents.

None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. Large size, plain top, No. 1, 6-in. high, each, $1.25; 3 for $3.45; doz., $12.00.

SYRINGES, BRASS. No. "0". Length 12½ in; diameter 15/16-inch. Ea., $2.50.

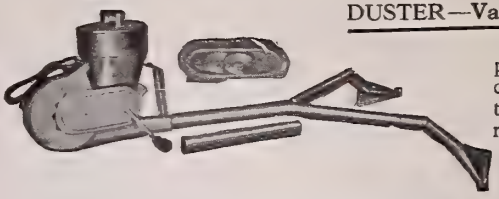
No. 11. Length 18 inches, 1 stream, 2 sprays, $6.25.

No. 5. Best for general green house use, $7.00.

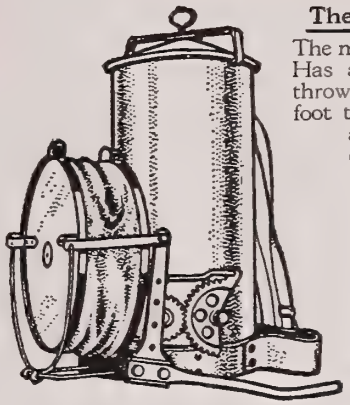


No. 11

SPRAYERS AND DUSTERS—Continued



DUSTER—Vaughan's No. 100. A very handy dry powder gun; can dust two rows at a time. Preferred by market gardeners everywhere. Each, $8.75. Write for illustrated booklet.

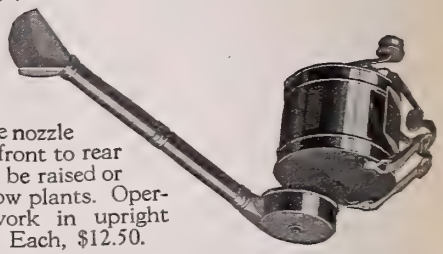


The American Beauty Duster. The most powerful hand duster made. Has a large, powerful bellows that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price, $20.00. Write for leaflet on the American Beauty Dust Sprayer.

Standard Spray Pump. This pump is bucket, barrel or knapsack pump, as desired. Price, $4.00. With knapsack and curved extension, $8.00.

Armstrong Standard Spray Pump

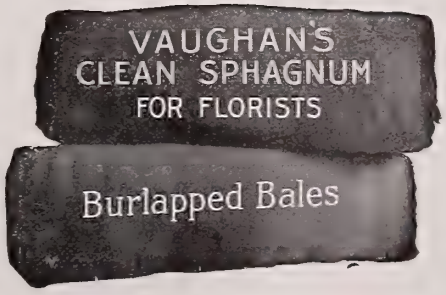
CHALLENGE DUST GUN. For Dusting Lutzite, Devil Dust, etc. Adjustable to all conditions. Made so the discharge nozzle may be swung from front to rear of operator and it can be raised or lowered for high or low plants. Operator can always work in upright comfortable position. Each, $12.50.



SAVAGE JR. DUSTER. Handles Paris Green and other similar poisons very efficiently. Holds about 1 lb. powder. Furnished with two tips, one straight for ordinary purposes, the other a broad angle tip for undersides of leaves, plants, etc. Weight per doz., 20 lbs. Each, 95c; doz., $9.00.

FEENEY MODEL B DUSTER. Each, 75c; doz., $6.60.

Sphagnum Moss



SPHAGNUM MOSS. Bright, clean, new growth, free from brush or grass, is being worked out in Wisconsin district. We quote L. C. L. lots as follows:

Burlapped Bales. (45x14x16 inches). **F. O. B. Wisconsin Points. For carloads, write us.**

Prices Subject to Change Without Notice.	F. O. B. Chicago	F. O. B. Woods
1 to 5 bales	Each, $1.10	
6 to 10 bales	" 1.00	Each, $0.80
11 to 24 bales	" .95	" .75
25 to 49 bales	" .90	" .70

New York Prices 35c per bale higher. Cartage Free.

Sheet Moss green. Extra fancy large sacks for Windows, Baskets, etc. Per sack, $1.35; 5 sacks, $6.25.

Order Early as the Above Prices are Expected to Advance.

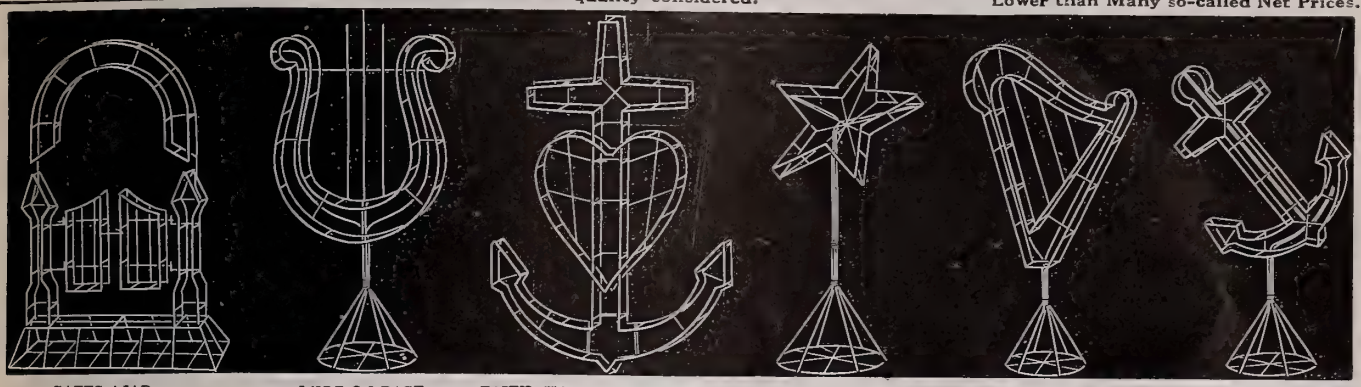
Florists' Wire Designs

F. O. B. NEW YORK
New York Terms Net
No Packing Charges

Many other and odd designs can be made and supplied on short notice, but they are made entirely at the risk of the buyer as to correctness; we accept orders on no other basis. Large Discount if you order big. Send us your list for estimate. We meet all honest competition on these goods, quality considered.

F. O. B. CHICAGO
DISCOUNTS:
5% on orders of $10.00 or over
10% on orders of 20.00 or over
15% on orders of 40.00 or over
20% on orders of 75.00 or over

Compare These Prices. They are Much Lower than Many so-called Net Prices.



GATES AJAR — LYRE ON BASE — FAITH, HOPE AND CHARITY — STAR ON BASE — HARP ON BASE — ANCHOR ON BASE

ANCHORS—Flat

Inch	Price	Inch	Price
10	$0 20	20	$0 50
12	25	22	55
14	30	24	60
16	35	27	70
18	45	30	90
		36	1 05

Anchor on Base

12	45	22	95
14	55	24	1 10
16	65	27	1 25
18	75	30	1 50
20	85	36	2 00

Anchor and Cross on Base

12	45	20	75
14	50	24	85
16	55	27	1 15
18	65	30	1 35
		36	1 75

ANCHOR and CROSS

10	20	20	45
12	25	22	50
14	30	24	60
16	35	27	70
18	40	30	90
		36	1 25

BASES

5	18	9	40
6	20	10	50
7	25	11	75
8	35	12	1 00

HANGING BASKETS Plain Top

8...doz.	2 10	16...doz.	4 00
10	2 25	18	5 00
12	2 60	20	7 00
14	3 00	22	9 00
		24	10 00

Hanging Baskets, Fancy Top

8...doz.	2 75	16...doz.	5 75
10	3 25	18	7 50
12	3 50	20	8 50
14	4 50	22	10 00
		24	12 00

BELLS—Single Frame

8....each	25	15....each	60
10	30	18	80
12	40	21	1 15

Bells. Double Frame

10	60	15	1 00
12	75	18	1 35
		21	1 75

BROKEN WHEEL On Reclining Stand

15	65	27	1 50
18	75	30	1 90
21	1 00	33	2 50
24	1 25	36	3 00

Broken Wheel on Easel

15	85	27	2 25
18	1 10	30	2 50
21	1 40	33	3 25
24	1 75	36	3 75

Broken Wheel on Base

15	80	27	2 35
18	1 20	30	2 75
21	1 50	33	3 50
24	1 85	36	4 50

CASKET CROSS

12	24	24	60
15	30	27	80
18	35	30	85
21	45	33	1 00
		36	1 25

CRESCENT

10	15	16	28
12	18	18	35
14	23	21	50
		24	70

Crescent on Base

10	35	16	70
12	45	18	85
14	55	21	1 00
		24	1 25

CRESCENT WREATHS

Inch	Price	Inch	Price
10	$0 15	21	$0 50
12	18	24	60
14	25	27	85
16	30	30	1 15
18	35	36	1 40

Crescent Wreath on Round Base

10	50	21	1 15
12	60	24	1 50
14	70	27	2 00
16	80	30	2 30
18	90	33	3 50
		36	4 00

Crescent Wreath on Reclining Stand

10	25	21	70
12	30	24	90
14	35	27	1 50
16	40	30	2 10
18	55	33	2 55
		36	3 00

CROSSES—FLAT

		27	30
10	06	30	45
12	08	33	50
14	09	36	75
16	12	42	1 25
18	15	45	1 50
20	18	48	1 75
22	21	54	2 00
24	25	60	2 50

Crosses on Round Base

10	20	27	85
12	25	30	1 00
14	30	33	1 25
16	35	36	1 50
18	40	42	2 00
22	55	48	3 00
24	65	54	4 00
		60	5 00

MALTESE CROSSES

10	20	18	40
12	25	20	50
14	30	22	60
16	35	24	85
		28	1 25

SLANTING CROSS

12	18	24	55
14	20	27	65
16	25	30	80
18	30	33	1 00
20	35	36	1 25
22	40		

COLUMBIAN KNIGHTS. Flat

15	1 00	21	1 50
18	1 25	24	1 75

Columbian Knights. On Easel

15	1 50	21	2 25
18	1 75	24	3 00

GATES AJAR. Single Arch

15 Base	85	18 Base	1 25
18 "	1 00	24 "	1 50

Gates Ajar. Double Arch

15 Base	1 25	27 Base	2 40
18 "	1 40	30 "	3 00
21 "	1 65	33 "	4 00
24 "	1 90	36 "	5 00

HARPS—Flat

Inch	Price	Inch	Price
12	$0 30	24	$0 70
15	35	27	80
18	45	30	1 00
21	60	36	1 35

Harps on Round Base

12	50	24	1 25
15	60	27	1 50
18	80	30	1 75
21	90	36	2 00

Harps on Reclining Base

12	45	24	90
15	50	27	1 00
18	60	30	1 25
21	80	36	1 75

HEARTS—Solid

8	12	18	35
10	15	20	45
12	18	22	55
14	20	24	70
16	25	27	1 00
		30	1 35

Hearts on Base

8	35	16	70
10	45	18	85
12	50	20	1 00
14	60	22	1 25
		24	1 50

Hearts on Reclining Stand

10	30	18	75
12	40	20	1 00
14	45	22	1 35
16	55	24	1 65

OPEN HEARTS

10	25	18	60
12	35	21	75
14	40	24	95
16	50	27	1 20
		30	1 80

Open Heart on Round Base

10	50	18	1 10
12	60	21	1 40
14	70	24	1 75
16	85	27	2 15

Open Heart On Reclining Stand

10	35	18	90
12	45	21	1 15
14	55	24	1 50
16	65	27	2 00
		30	2 50

HORSESHOES

12	20	24	80
14	25	30	1 25
16	30	36	1 75
18	40	48	3 50
21	50		

KNIGHTS OF PYTHIAS DESIGN New Style Wreath on Easel

21	2 00	24	2 50

KNIGHTS TEMPLAR On Easel

18	1 50	30	3 50
24	2 25		

MASONIC DESIGNS Square and Compass Flat

12	35	24	1 35
14	40	27	1 50
16	50	30	1 75
18	65	33	2 10
21	1 00	36	2 35

On Reclining Stand

14	60	27	1 75
16	75	30	2 00
18	1 00	33	2 50
21	1 25	36	2 85
24	1 50		

Masonic Square and Compass On Easel

14	65	27	1 85
16	75	30	2 15
18	1 00	33	2 50
21	1 35	36	3 00
24	1 60		

Masonic Square and Compass On Base

Inch	Price	Inch	Price
12	$0 60	24	$1 75
14	70	27	2 25
16	90	30	2 75
18	1 25	33	3 50
21	1 50	36	4 00

ODDFELLOWS' DESIGN

Flat		On Base	
18	60	18	1 00
21	70	21	1 10
24	80	24	1 25

PILLOWS

12	20	24	60
14	25	27	80
16	35	30	1 25
18	40	36	1 75
21	45	48	3 50

STARS—Flat

6	10	18	35
8	12	21	45
10	15	24	60
12	20	27	1 00
14	25	30	1 25
16	30		

TRIANGLES. Flat

Inch	Price	Inch	Price
10	$0 18	18	$0 35
12	20	21	50
14	25	24	65
16	30	27	95

On Reclining Stand

10	30	16	50
12	35	18	65
14	45	21	80
		24	1 00

WOODMAN DESIGN

18	1 50	30	2 50
24	1 75	36	3 50

Woodman Design on Easel

18	1 25	24	1 50
		30	2 00

Special Prices on Easels and Wreaths are NET Prices.

Easels

Inch	100	Inch	100
18	$ 4.25	36	$11.00
21	4.75	42	25.00
24	5.25	48	32.00
27	6.00	54	50.00
30	8.00	60	62.00
33	9.50		

Wreaths

Inch	100	Inch	100
10	$ 2.75	21	$ 7.00
12	3.25	22	7.50
14	3.75	24	9.00
16	4.25	27	14.00
18	4.75	30	20.00

MOSS FILLED WREATHS AND DESIGNS

Machine made Sphagnum Moss filled designs always ready to use. NET Prices.

Spray Bars

3½ ins. wide, 2 ins. thick

Length	Each	Length	Each
8 ins.	$0.09	20 ins.	$0.17
12 ins.	.10	22 ins.	.18
14 ins.	.11	24 ins.	.20
16 ins.	.13	30 ins.	.23
18 ins.	.15		

Spray Bars

4½ ins. wide, 2½ ins. thick

Length	Each	Length	Each
18 ins.	$0.22	36 ins.	$0.40
24 ins.	.27	42 ins.	.45
30 ins.	.34	48 ins.	.50

Spray Bars

6 ins. wide, 2½ ins. thick

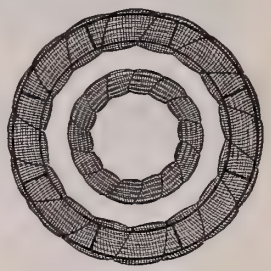
Length	Each	Length	Each
24 ins.	$0.33	42 ins.	$0.55
30 ins.	.38	48 ins.	.70
36 ins.	.43		

Crosses

Size	Each	Size	Each
18-in.	$0.25	30-in.	$0.50
20-in.	.28	33-in.	.60
22-in.	.31	36-in.	.80
24-in.	.35	42-in.	1.20
27-in.	.41	48-in.	1.65

Hearts—Solid

Size	Each	Size	Each
16-in.	$0.45	24-in.	$0.90
18-in.	.60	27-in.	1.15
21-in.	.75		



Wreaths

Size	Each	Size	Each
10-in.	$0.13	24-in.	$0.40
12-in.	.15	27-in.	.50
14-in.	.18	30-in.	.70
16-in.	.22	33-in.	.90
18-in.	.26	36-in.	1.10
20-in.	.30	42-in.	1.75
22-in.	.35	48-in.	2.50

Pillows

NEW IMPROVED

Size	Each	Size	Each
16 ins.	$0.60	24 ins.	$0.90
18 ins.	.70	27 ins.	1.10
21 ins.	.80	30 ins.	1.35

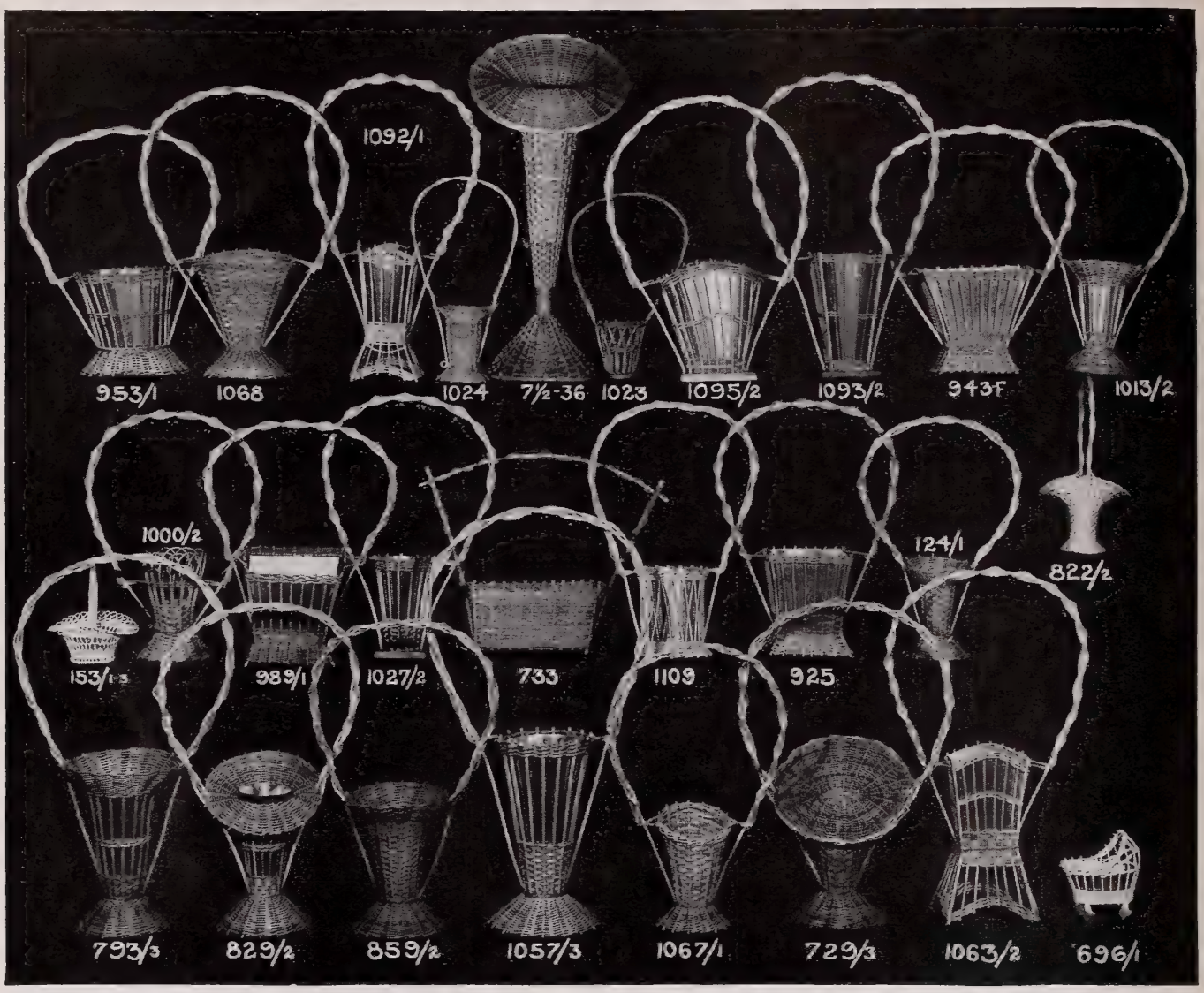
Casket Panels

Wide	Long	Thick	Each
12 ins.	36 ins.	2½ ins.	$0.95
14 ins.	36 ins.	2½ ins.	1.05
16 ins.	36 ins.	2½ ins.	1.20
18 ins.	36 ins.	2½ ins.	1 30
20 ins.	36 ins.	2½ ins	1 50

Shade Cloth.

Plain Black, rubber coated, 54 inches wide, at 28c per yard.
Aluminized Surface, over black rubber coated 54 inches wide, at 37c per yard.
For seaming, add 4c per yard of seam. Write for sample.

PACKING CHARGES AT COST



Lowest Prices We Have Ever Quoted on Baskets

The Baskets we illustrate on this page are mostly well known styles. We can make any kind of a basket for you with your specifications. Give us a trial order for a $10.00 assortment of baskets and we assure you that you will be delighted with Vaughan's quality and price. Our baskets are two-tone finish unless otherwise desired.

No.	Opening Inches	Height of Body, Inches	Overall Inches	Price Each
124/1 Sp.	3½	10	25	$0.60
124/2	4	12½	28	.75
696/1	8 x 4½		8	.80
696/2	10 x 5½		9½	.95
729/2	4	14	28	.85
729/3	6	17½	32	1.35
733	13½x 5¼	7	21	1.00
793/3	6¾	17	37	1.25
822/1	8½		16	.50
822/2	9½		18	.60
822/3	11		21	.70
829/1	5½	12	26½	.80
829/2	5½	17	32	1.10
859/1	5	11½	28	.75
859/2	5½	13	31	1.00
925	8½x 5	11	26	.85
953/1	9½x 7	11	26	1.00
953/2	12½x 7½	13	31	1.25
943F	11 x 7½	11	27	1.10
989/1	10 x 5½	11½	25	.95
989/2	11 x 5½	13	29	1.25
991/1	10 x 5½	21	41	1.50
991/2	10½x 7	23	48	1.75
1000/2	5½	11½	26	.85

No.	Opening Inches	Height of Body, Inches	Overall Inches	Price Each
1013/2	4½	12	27	$0.75
1023	3½	6	20	.30
1024	3½	7½	21	.40
1027	6	10½	27	.60
1057/1	5¾	13	32	.70
1057/2	7	15	33	.90
1057/3	8½	19½	41	1.25
1063/2	8 x 5	17½	35	1.25
1063/1	8 x 5	13½	30	1.00
1067/1	6	12½	29	.75
1067/2	7	17	34	1.05
1068	10 x 5½	13	30	1.20
1092/1	6½x 6½	14½	32	.85
1095/1	8½x 5¾	9½	26	.65
1095/2	10½x 6	12½	30	.90
1095/3	12 x 7½	13½	33	1.20
1095/4	13 x 9	14½	35	1.60
1095/5	16 x10½	17½	38	2.00
1093/2	7½x 7½	13	32	.90
1093/3	8 x 8	15	36	1.05
1109	6½	9	26½	.55
153/1-3	8½x11½		Set of 3	1.25
7½ Tiffany Vase / 7 Straight Vase	24" $2.00	30" $2.90	36" $3.30	42" $4.00 / 48" $4.60

Galvanized iron liner and weighted bottom.

Ribbons and Chiffons

We offer only the best grades especially adapted for Florists' use, but can also supply other grades not listed.

Radiance

Pattern 1900, No. 5 Radiance Ribbon. Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Per spool, 85c. Box of 20 spools at 80c spool.

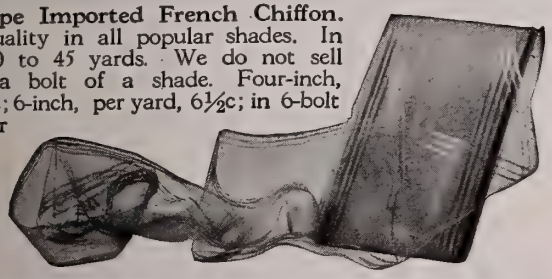
Novelty Tinsel Pot Tie Ribbon. Brilliant metallic colors which lend themselves to varieties of flowers and plants. This is one of the biggest selling items in pot ties. Also used on corsage bouquets, wrist and shoulder shields. 50-yd. bolts, width ¾-inch. Per bolt, 50c; 10 bolts for $4.75.

Picot Edge White Ribbon. Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, 65c; 10 spools for $5.50.

No. 1 Baby Ribbon. Any color. Spool of 50 yards, 60c; doz. $6.00.

Tinsel Ribbon. One inch wide, a rich pot tie ribbon also used for making bows for baskets and wreath work. In gold, silver or green or red gold, 50-yd. spool, $1.25; 10 spools, $11.50.

Plain 3-Stripe Imported French Chiffon. Superior quality in all popular shades. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 5c; 6-inch, per yard, 6½c; in 6-bolt lots, 6c per yard.



Dotted Chiffons, all shades. In bolts of 40 to 45 yards. Sold only in original bolts. 6-inch, per yard, 7½c.

Corsage Pins. Pearl heads, finest made, assorted colors. Per gross, $1.25.

Corsage Ties (Cord and Tassels). Per doz., 65c; per gross, $6.50.

Metaline. This ribbon has a bright metallic lustre with striped edges, width 5½ inches, for baskets and bouquets; we carry a stock of all colors. Price per bolt of 40 yards, $1.20; ten bolts, $11.50.

Ribbonzene Crinkle Baby Ribbon No. 1. For tying cards. All colors. 500-yard spool, 90c; doz. spools, $10.20.

Valley Pattern Chiffon. Pink, white, lavender and purple. 6-inch, per yard, 7½c. Six bolts at 6½c per yard.

Special Metaline. Approximately 5 inches wide. A popular number for use on low priced work, all shades. 40-yd. bolts, per bolt 90c; 10 bolts for $8.50.

Rubberized Shoulder Shields. Per doz., 75c; gross, $7.00.

Feathers. Heavy plumage, uniform size, in all pastel shades. Put up in packages 25 of one color. We do not break packages. Price per package, 75c; 100 for $2.50.

Corsage Shields, Shoulder or Wrist Shields. Chiffon edge. Per doz., $1.25; per gross, $12.50.

Waist Shields. Chiffon edge. Corsage large, medium and small Per doz., $1.50; per gross, $15.00.

The Jardier For Potted Plants

Jardier Pot Covers. Popularize the potted plant—because they safeguard the appointments of the finest homes—table tops, linens, window sills—from soilage and overflowing saucers. These are inexpensive, yet take the place in beauty and service of expensive jardinieres. Save time and labor over other methods of trim.

JARDIER VASES

Standard Colors—Green—Lavender—With Duo-Tone Finish.

Colonial

THE COLONIAL

Standard Colors—Green with Duo-Tone Finish.
Special Colors—White with Gold Trim.

9 ins. high, 3 ins. in diameter, $12.00 per 100; 60 per carton.
12 ins. high, 4 ins. in diameter, $20.00 per 100; 32 per carton.
15 ins. high, 6 ins. in diameter, $35.00 per 100; 13 per carton.

NOTE—No. 3, No. 4 and No. 5 Standard Jardiers are extensively used as "vases" for short stemmed flowers.

JARDIERS FOR STANDARD SIZE POTS

In Imitation of Pottery — Stucco Effect

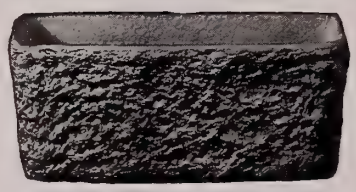
Sizes	Diam. Top Inside	No. Per Carton	Price Per 100
No. 4	5¼ ins.	100	$ 8.00
No. 5	6¼ ins.	80	10.00
No. 6	7¼ ins.	50	13.00
No. 7	8¼ ins.	35	20.00

(EXAMPLE: Use No. 6 Jardier for a 6 in. Pot.)

JARDIER BULB BOX

No. 3 (or 3 in 1)—To hold three 3" Clay Pots. Makes ideal table center-piece, 12 inches long, 5 inches wide, 4½ inches high. $20.00 per 100, packed 50 per carton.

THE JARDIER BULB BOX


No. 4 Jardier Bulb Box

Here is the final solution to bulb and plant "box idea" and its many possibilities.

The Jardier box is absolutely waterproof. Place the soil and plants directly into the Jardier. It is the least expensive and most practical method of carrying out the beautiful box idea. Jardier Boxes are self-aerating—same as Jardier Vases—stimulating plant growth.

No. 4—12 in. long—5 in. wide—4½ in. deep. $20.00 per 100—50 per carton.

Standard Color—Green **Special Color**—White with Gold Trim.

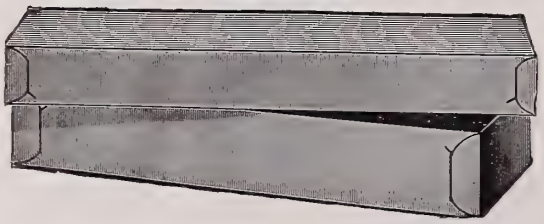
SUCTION FLOWER HOLDERS

Made of metal, round shape, with square wire mesh dome, finished in green bronze with rubber vacuum cup in bottom which prevents tilting over when long-stem flowers are used. No florist should be without these wonderful sellers.

Diameter	Per Doz.
3-inch	$3.00
4-inch	4.00
5-inch	5.00

Supplies for the Florist Shop

CUT-FLOWER BOXES



Printing any single color. Per 1,000, $2.75.

Printing gold or silver. Per 1,000, $4.00.

When ordering printed boxes, allow a week or ten days extra for delivery.

VAUGHAN'S "GREEN" GRADE.

Fine, green-lined, moisture-proof board. Very popular.

Size in inches	Per 25	Weight Per 100	Per 100	Size in inches	Per 25	Weight Per 100	Per 100
18 x 5x3	$1.20	35 lbs.	$3.50	5x24x8	$2.50	70 lbs.	$ 7.40
3 x21x5	1.35	40 lbs.	3.90	5x28x8	2.60	90 lbs.	7.65
3½x24x5	1.50	50 lbs.	4.35	5x36x8	3.35	125 lbs.	10.20
3½x30x5	1.80	65 lbs.	5.35	5x42x8	4.25	165 lbs.	14.50

FLORAL DESIGN BOXES. Mist gray. Full telescope.

	Per 25	Per 100		Per 25	Per 100
No. 25. 6x30x12	$4.85	$15.95	No. 27. 8x20x20	$6.00	$21.00
No. 26. 8x36x14	7.25	23.95	No. 28. 8x24x24	7.00	24.50

Packed 25 complete per bundle.

CORSAGE BOXES. Mist Gray. Shallow lid, mist gray.

	Per 25	Per 100		Per 25	Per 100
8x5x4	$1.05	$3.15	12x8x5½	$1.70	$5.00
10x6x5½	1.40	4.15			

Write for Special Discounts on quantity orders.

FLORAFOIL. Colored aluminum foil used for pot covers, etc. Rolls 20 inches wide. Colors violet, silver, gold, green, red, purple, fuchsia, pastel green, pastel blue, black and blue. Per 50-ft. roll, $1.35; six rolls for $7.80.

SATINET. The aristocrat of the florist foils. A smooth lustre—a soft as satin finish—a full range of colors, carefully chosen to blend harmoniously with Easter and spring flowers. Comes in rolls 50 feet long, 20 inches wide. It can be used effectively on corsages, on larger floral pieces, to wrap basket handles, and in many other ways. Satinet is available in Orchid, Sky Blue, Nile Green, Pink, Purple, Red, Green, Gold, Fuchsia and Silver Blue. Per roll, $1.35; 6 rolls for $7.80.

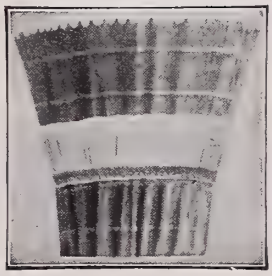
FLORIST FOIL (Trellis)

Versatile in color and application; waterproof; will not soil or discolor. Color combinations: Ivory-Silver Trellis, Ivory-Green Trellis, White-Red Trellis, Ivory-Blue Trellis, Orchid-Nile Trellis, Orchid-Silver Trellis, Gold-White Trellis, Gold-Silver Trellis, Copper-Silver Trellis, Red-White Trellis, Nile-Green Trellis, Green-White Trellis. Rolls 20 inches wide, 50 ft. long. Price per roll, $1.35; 12 rolls for $15.00.

Foil covered box with metal cutter edge, each, 25c.

New Handy Seeder

This little handy seeder will sow seeds up to size of sweet peas, scatters seed individually, prevents crowding and choking of seedlings, eliminates guess work because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast. Price, each, 40c, postpaid; three for $1.00.



STICK-TO-IT POT COVERS. Made of waterproof crepe paper with elastic band around same. These pot covers come already pleated with a crepe ruffle around center, giving a pot tie effect. Moss green.

	Doz.	100
5-in	$0.85	$ 6.00
6-in	1.10	7.50
7-in	1.35	9.00
8-in	1.50	10.50

Paper—Tissue, Wax

Prices on Paper Subject to Market Changes.

Pure White Glazed Florist Tissue. The best grade white glazed 11 lb. basis. 24x36 inches, f. o. b. Chicago, ream (480 sheets), 95c; 10 reams (4,800 sheets), $9.00; f.o.b New York, ream (480 sheets), $1.40; 10 reams (4,800 sheets), $11.00.

White Wax. Medium, 24x36 inches; f. o. b. Chicago, 400 sheets, $1.50; f.o.b. New York, 480 sheets, $1.75.

Green Wax. Beautiful shade light green, 24x36 inches, f. o. b. Chicago, 400 sheets, $1.65; 10 reams for $15.50. f. o. b. New York, 480 sheets, $2.00.

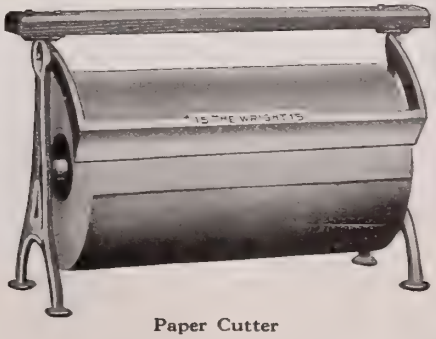
Green Wax Wreath Rolls. Used for wrapping mossed wreaths and wire designs. 3-inch rolls; a time-saver and no waste. Per box of 12 rolls, $1.85; 3 boxes for $5.25.

Green Wax on Rolls. 24-inch width, approximate weight per roll, 48 lbs.; per lb., 21c.

Waterproof Crepe Paper. In green, pink, lavender, yellow and purple; per roll, 27c; per doz., $3.25; 25 rolls, $6.50; 100 rolls, $24.95.

Kraft Wrapping in rolls, all weights and sizes. Price, per lb., 6½c; green Kraft plain, any size roll, per lb., 8c.

PAPER CUTTERS. 24, 30 and 36-inch. Price, complete, $2.75; extra heavy cutters 48 inch, each, $10.50; 60 inch, each, $12.50.



Paper Cutter

MATS, Imported Japanese Chip. Used for decorating all blooming plants. Assorted colors, plain and two-tone, per 100, $3.75; 500 for $16.50; 1,000, $31.00.

Prepared Leaves, Bouquet Material

IMMORTELLES, Colored. White, Purple, Bright Scarlet, Pink. Blue, Light Green; bunch, 60c; doz., $6.00.
Natural (Yellow), bunch, 60c; dozen, $6.00.
Write for prices on larger quantities.

MAGNOLIA. Bronze, Green, Purple. Most popular leaf ever introduced for wreaths, etc. Adapted to all weather conditions. Price, any color per carton, $1.50; 6 at $1.45; 50 lbs., $9.75; case of 100 lbs., $18.75 each; Red, per carton, $1.85.

LYCOPODIUM. Prepared. 10 lbs. to carton, $1.95; 25-lb. carton, $4.35; 100 lbs., $17.00.

OAK LEAVES. Prepared. Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Green and Leather-Brown. Price, per carton, $1.35; 6 cartons, $1.25 each.

TRANSPARENT OAK BRANCHES. Dr. Dux Autumn or Red. Per lb., $1.15; 5 lbs. for $5.50; 10 lbs. for $10.50.

RUSCUS. Dyed Red or Green. Best quality. Price, 1 lb., 75c; 5 lbs. for $3.25; 10 lbs. for $6.00.

IMPORTED STATICE. Used extensively in Wreaths and Baskets. Natural, per lb., 75c; 10 lbs. for $6.50.

GYPSOPHILA. (Baby Breath.) Pure white double Colorado grown, large fluffy bunches. No florist should be without this handy fill-in for floral work or baskets. Price per bunch, 95c; 6 bunches for $5.40.

COLORED GYPSOPHILA. Rose-pink, orange, nile green, yellow, blue, and violet. Per bunch, $1.35; 6 bunches for $6.50.

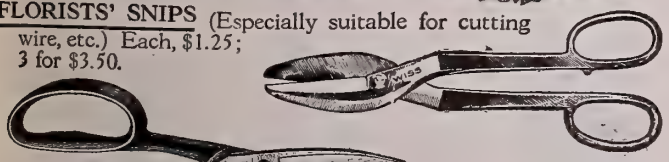
SPLIT BAMBOO. Plant Stakes. 12-inch; per 1000, $1.20; per bale of 2000, $2.20; 18-inch, per 1000, $1.65; per bale of 2000, $3.20.

WIRED PICKS.

2½-inch Plain	Box of 10,000	$ 2.50
3 -inch Green	Box of 8,000	3.25
4 -inch Green	Box of 4,500	2.95
6 -inch Green	Box of 3,000	2.50
2½-inch Plain	Case of 50,000	10.95
4 -inch Green	Case of 10,000	5.45

MATCH or HYACINTH STICKS. Dyed green; 5-inch, 65c; 12-inch, $1.35; carton of 9000, $10.80; 18-inch, $1.80 per 1000; carton of 6000 at $9.90.

FLORISTS' SNIPS (Especially suitable for cutting wire, etc.) Each, $1.25; 3 for $3.50.



Improved Dental Snips. For cutting annealed wire, ribbons, chiffon, etc. Each, $1.25; 3 for $3.50.

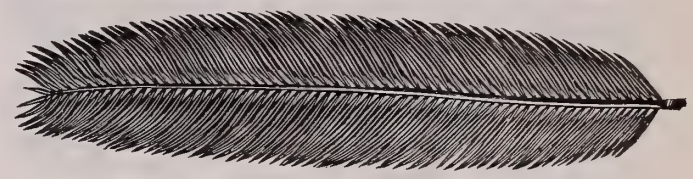
TWINE "The Queen" White Cotton Twine. 3 or 4 ply. Put up in 5-lb. sacks, 30 balls to a sack. Price, $1.85. Write for prices on larger quantities.

TWINE—Continued

Polished Cotton. No. 228, for parcels. In ½ lb. balls, 40c per lb.
Jute. For bunching; 2 or 3-ply. Per lb., 25c; 10 lbs., $1.85; per 100 lbs., $16.00.
Silkaline. For stringing Smilax, etc., fast green color, will not fade nor break. FFF, Coarse 2-oz. spools, 1 lb. in box, 8 spools $2.25; FF, Medium, 2-oz. spools, 1 lb. in box, 8 spools, $2.25; F, Fine, 2-oz. spools, 1 lb. in box, 8 spools, $2.25.

TUBE ROPE. 6 Ply Heavy. 50 lb. Reel, $6.50.

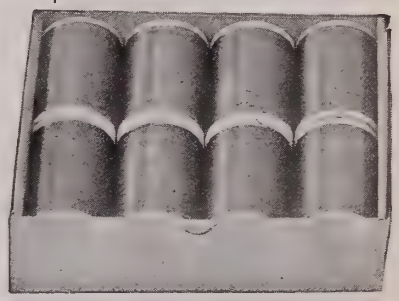
TIN FOIL. Florists' Foil. 5, 6 or 7 inch, 1 lb. rolls, 25c; 10 lbs., $2.00; 25 lbs., $4.75; 50 lbs., $9 00; 100 lbs., $17.00.
Violet or Green Foil. Per lb., 40c; 10 lbs., $3.50; 25 lbs., $8.25.



CYCAS LEAVES. Prices subject to change without notice.

Length	Pkg.	of 10	100
4 to 8 in.	$0.25		$2.00
8 to 12 in.	.30		2.25
12 to 16 in.	.35		2 75
16 to 20 in.	.40		3.45
20 to 24 in.	.45		3.95
24 to 28 in.	.50		4.35
28 to 32 in.	$0.60		$5.25
32 to 36 in.	.80		6.25
36 to 40 in.	.90		7.35
40 to 44 in.	1.00		8.75
44 to 48 in.	1.20		10.00

Florists' Thread, Green. Myers' best brand. Similar to Silkaline, 8 spools to a box. Per lb. box, $1.00; 10 boxes at 95c per box.



Green Sea Island Twine. Used for wrapping small packages—also for spray and design work. Put up in balls. 1 lb. box, 65c; 5 boxes at 60c per box.
Green Sea Island Twine. 2 lbs., per cone, $1.10; 3 cones for $3.00.

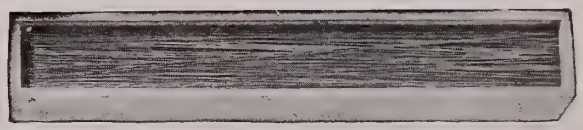
WIRE. (Prices subject to change.) **Florist Wire** on 12-lb. coils.

No. 18	$1.25
No. 20	1.40
No. 22	1.50
No. 24	1.75
No. 26	1.90
No. 28	2.25

FLORISTS' CUT WIRE. Clean, extra soft white wire, cut in 12 or 18-inch lengths, 12 lbs. to box.

No.	18	20	21	22	24	26
Price	$1.30	$1.40	$1.50	$1.60	$2.30	$2.80

GALVANIZED WIRE COILS. Used for stringing benches in Carnation and Rose houses. No. 16, per 12-lb. stone, about 1200 ft., $1.50; 100-lb. coil, $7.50. No. 18, per 12-lb. stone, about 1800 ft., $1.60; 100-lb. coil, $7.95.



FERN PIN. New Philly. The bend holds the leaves firmly; easier to handle. Per box, $1.85.

PINS, GREENING. Adapted for pinning on galax leaves, dagger or fancy ferns, sheet moss, etc., $1.85 per box of about 10,000.

BULL DOG CLIPS. The clip with the grip. Per box of 1,000 clips, 50c; 10 boxes for $4.50.

Greenhouse and Florists' Supplies

Prices quoted in this catalog are subject to change without notice, owing to the unstable condition of the market. This applies particularly to Fertilizers, Wire, Tinfoil, etc. For parcel post rates see order sheet.

APRONS, RUBBER. These are especially made for us of the best quality sheeting, pliable and durable and extra long. Each, $1.75; 3 for $4.75. Postage, 20c each, extra.

BLOOMTINT. For coloring cut flowers. We can supply all standard shades. Large jar, per jar 75c; 6 jars, assorted colors, $4.00. Assortment of 10 small jars, one of each shade, for $1.80.

CABINET AND CARD ASSORTMENT. 1,000 assorted cards and Cedar Cabinet with hinged glass cover, $7.25.

Sympathy, get-well, birthday, baby, congratulations, and all holidays. Your own selection.

CARDS WITHOUT CABINET.

250 assorted at $1.25	1000 assorted at $3.50
500 " " 2.00	2000 " " 6.75

RUBBER APRONS

WHITE ENVELOPES, PLAIN. Size 2½x4¼", packed 250 to a box. 250 for 50c, 500 for 85c, 1,000 for $1.50.

SCOTCH CELLULOSE TAPE DISPENSER. Heavy duty, each, $1.40; weight, 8 lbs.

TAPE TRANSPARENT

Width	No. of Rolls per Box	1 to 11 Rolls	12 Rolls or More
¼-inch	4	$0.87 each	$0.75 ea.
½-inch	2	1.15 each	.99 ea.

DOVES, Vaughan's Flexible. Pure white.

First Quality, Green Label. Each, $1.25; doz., $14.40.

Medium Quality, Red Label. Eah, $1.75.

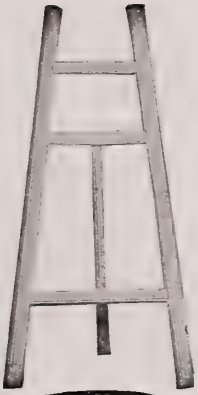
Extra Quality Birds, Blue Label. Ea., $2.00.

LETTERS AND FIGURES

BOSTON SCRIPT. Neatest ever made. Can supply the following words: Asleep, Baby, Husband, Wife, Grandpa, Grandma, Father, Mother, Brother, Sister, Rest, At Rest, Our, My, Finis and Friend. Per letter, each, 4½c.

GOLD SCRIPT WORDS. Gold finish. In the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, per package of 10 words, 20c; per 100 words, $1.75; per 1,000 words, $15.00.

GILT RIBBON LETTERS. Gummed. 25 letters in a package, in letters A to Z, figures 1 to 9. 1¼-in. Per 100, 25c; per 1,000, $2.00.



WOOD EASELS

Strong, well made, finished in white, green and lavender.

Height	Ea.	Per Doz.	Height	Ea.	Per Doz.
36-inch	32c	$3.50	54-inch	48c	$5.25
42-inch	36c	4.00	60-inch	53c	5.75
48-inch	43c	4.50	66-inch	58c	6.25

VASE. Green Earthenware Cemetery. A strong and ornamental vase that keeps its color. Retails at 50c. Each, 35c; per dozen, $3.00; 3 dozen for $8.50.

Tin Painted Green, with spike. Each, 15c; doz. $1.35; 3 doz. for $3.60.

Green Tin Vase

A Good Variety of Sizes in These Flower Vases

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.

Style	Diameter Top	Diameter Bot.	Ht.	Price Per Doz.
253	4¾ in.	3½ in.	10 in.	$ 4.00
255	6½ in.	5¼ in.	12 in.	5.40
257	6½ in.	5¼ in.	15 in.	6.00
57	5 in.	3½ in.	5 in.	3.00
59	6½ in.	5½ in.	7 in.	4.50
65	7½ in.	6½ in.	8 in.	5.25
66	9 in.	7½ in.	10 in.	6.25
68	9 in.	7½ in.	12½ in.	7.60
69	9 in.	7½ in.	18 in.	9.50
70	9 in.	7½ in.	24 in.	10.50

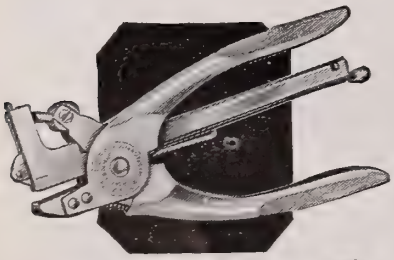
Galv. Vase

NEVA-CLOG STAPLING PLIERS

Florists Save Time and Make Money with Wide-Jaw Neva-Clog Stapling Pliers

Florists' Model F100

For wrapping plants and cut flowers, making up corsages, wreaths and light baskets, making paper flower pot covers, attaching delivery tags to plants and flowers, for sealing seed and bulb envelopes and 101 other uses. Has ⅜-inch jaw and uses ¼-inch and 9/32-inch staples as listed elsewhere on this page. Price, each, $3.75.



STAPLES.

All Neva-Clog staples are sharpened at the points to make easy penetration of material. The forming is perfect and the cohering very strong to prevent strips breaking upon being handled at high speed by workman. Both lengths are 100 to a strip, 7/16-inch crown, 1000 to a box.

A—1000 ¼-inch legs. Per 1000, 35c

L—1000 9/32-inch legs. Per 1000, 35c

10,000 lots, per 1000, 30c

25,000 lots, per 1000, 27c

50,000 lots, per 1000, 25c

HYACINTH GLASSES.

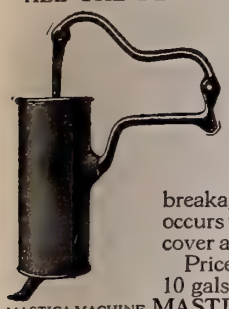
New Style, in four distinct colors. $3.25 per dozen; 3 dozen, $9.00.

HAPPINESS VASE (Blue)

Packed 12 to a corrugated shipping carton, one each in a paper carton. $2.25 per doz., f.o.b. Chicago in lots of 6 doz.; $2.10 per doz. delivered.

Glazing Tools

ALL THE BEST MATERIALS FOR GREENHOUSE USE



MASTICA MACHINE

PUTTY BULB

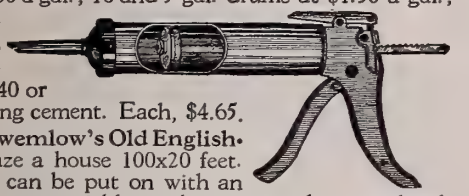
MASTICA, For Glazing Greenhouses. The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass easily removed and replaced by new without breakage of other glass which usually occurs with hard putty. One gallon will cover about 290 running feet (one side). Price, per gal., $2.45; 5 gals., $11.75; 10 gals., $23.00.

MASTICA MACHINE—Each, $3.00.

GARLANITE. The original white glazing compound, remains soft and flexible, easy to apply and to remove. Price 40 and 60 gal., drums, $2.25 per gal.; kegs, 10 and 20 gals., $2.30 per gal.; 5 gal. kegs, $2.40 per gal.; gal. cans, $2.45.

MOUNT BEACON. Dark green shading for greenhouses. 1 gal., $2.75; 5 gals., $13.00.

VAUGHAN'S GREENHOUSE BULBING CEMENT. A pure asphalt glazing compound for greenhouse use. Will not crack or run and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20-gal. drums at $1.00 a gal.; 10 and 5-gal. drums at $1.30 a gal.; one-gallon can, $1.50.



MODEL "O" SAFETY GLAZING GUN. Gratis with 40 or 60-gal. drum of glazing cement. Each, $4.65.

GLAZING PUTTY, Twemlow's Old English. Five gallons will glaze a house 100x20 feet. Being semi-liquid it can be put on with an ordinary putty bulb very quickly, and as it never becomes hard, broken glass can always be removed without any danger to the other lights. Per gal., $2.50; 5 gals., $12.25; 10 gals., $24.00.

PAINT, Vaughan's Greenhouse White. This is a full oil paint, has good lustre and body and not liable to peel off or crack. Per gal., $2.95; 5 gals., $14.00; bbl. at $2.65 gal.

CLAMP, Peerless Repair.

Simple device for repairing broken greenhouse glass. Easily adjusted from inside of house. Saves labor, coal and glass. If applied as soon as crack is noticed, the pane is just as strong as before and will not sag or drop out. Price, per box of 100 clamps, $1.25. Five boxes for $6.00.

TROJAN ROLLER TYPE GLASS CUTTER. Doz., $1.80; each, 20c.

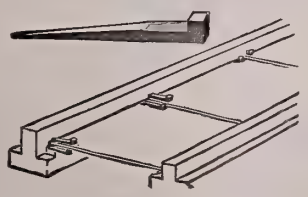
PUTTY KNIFE, No. 120. A very good tool. Each, 40c; 3 for $1.10.

PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, $1.35; 3 for $3.75; doz., $13.00.

GLAZING POINTS, Vaughan's Perfection—No rights or lefts.

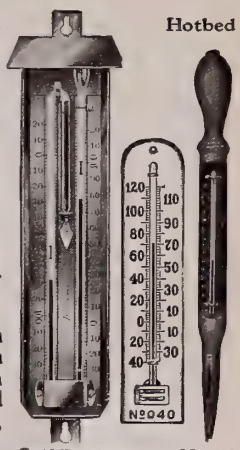
No. 2. For large single thick glass.
No. 2½. Double thick, for greenhouses and skylights.
No. 2. Price, per lb. (about 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2½. Per lb. (about 800), 55c; 5 lbs. at 50c per lb.
Write for prices in larger quantities.

SIEBERT'S IMPROVED.



Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out when repairing greenhouse roof. Two sizes, ⅝ and ⅞-inch long, put up in 1 pound packages. Over 1,500 points in 1-lb. pkg. of ⅝ in.; over 1,000 points in 1-lb. pkg. of ⅞ in. Price: per lb., 50c; 5 lbs., $2.25; 20 lbs., $8.00.

Thermometers



Self Registering No. 40

THERMOMETERS. 8-in., accurate black tin case thermometer, black lithographed scale, red permacolor tubes, each, 30c; doz., $2.50; 3 doz., $6.75.

Tin Case. Standard grade (tested). 8-in., standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, $1.00; 3 for $2.75; doz., $10.00.

Cabinet. Wood case; metal face. 8-in., cabinet thermometer, black metal scale, wood back, easy reading red permacolor tubes; each, 50c; 3 for $1.25.

Self-Registering Tycos. No. 5452, with magnet. 10-in. Maximum and minimum registering thermometers mounted on substantial brass frame, guaranteed accurate, complete with magnet, each, $5.95. Three for $16.95.

Self Registering. No. 5454, complete with magnet for setting. Each, $4.00. Three for $11.55.

Minimum. For registering cold during absence and showing present temperature. 10-in., guaranteed accurate, each, $2.75.

Hotbed (Mushrooms). Brass point, wood frame. 18-in. Hotbed or soil thermometer, guaranteed accurate, each, $2.75.

No. 40. Greenhouse. White porcelain steel frame enameled. Black scale and figures, range 60 to 120 degrees, nonfading red spirit magnifying lens tube. Each, 50c; doz., $4.50.

PRACTICAL 24-HOUR RECORDING INSTRUMENT

Accurate, reliable, automatic records at very low cost. A guarantee card goes with every instrument. Gives complete protection for greenhouses, refrigerators, etc.

Three models for various temperature ranges.

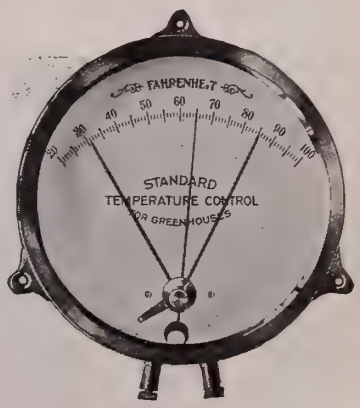
Model A36, measures from 30° to 60° F.

Model B105, measures from 10 to 50° F.

Model B410, measures from 40° to 100° F.

Price all models, each, $18.00.
Write for descriptive pamphlet.
Charts, 100 for $1.50.
Ink, special non-clogging, per bottle, 25c.

Standard Recording Thermometer No. 200. Furnished with daily chart No. 3 or weekly chart No. 2. Range of temperature 20° to 120° F. Price, $35.00.



Standard Greenhouse Thermostat No. G. H. 4, arranged in a 7-inch enameled, hermetically sealed metal case supplied with padlock and key. Contact hands when set can be changed only by person having key. Price, $15.00. Shipping weight, 4 lbs.

Standard Greenhouse Thermostat No. G. H. 3, enclosed in 6-inch nonrusting metal case. Contact hands are set by a stud extending through the glass. Price, $10. Shipping weight, 2 lbs.

Prices do not include wire, batteries or bell.

SIEVES. For sifting soil. 18 inches in diameter, all sizes mesh from ⅛ to ½ inch. Each, $2.25. Three for $6.00.

Hot Bed Supplies

SASH, Hotbed. Unglazed, 3x6 ft., for 3 rows, 10-inch double glass, each, $2.25; 3 for $6.50; doz., $24.00. Glazed, double strength, each, $4.75; doz., $52.80.

Our sash are made of clear air-dried cypress. Unglazed sash are not painted. Glazed sash are painted one coat.

40c crating charge when less than four glazed sash are ordered.

REDWOOD FLATS

Standard greenhouse inside dimensions.

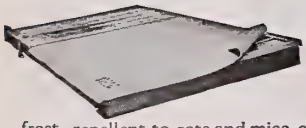
Size	Length	Width	Depth	Per bundle of 25
No. 1	20 inches	14 inches	2¾ inches	$4.00
No. 1a	20 inches	14 inches	3¾ inches	4.50
No. 2	22⅜ inches	15 inches	2¾ inches	4.50
No. 2a	22⅜ inches	15 inches	3¾ inches	5.00

We do not break bundles.

Write for prices and samples on paraseptic and parachrys shading cloth, sterilizing blanket. A rubberized fabric for shading mums and other plants.

CELL-O-GLASS. Will take the place of glass in hot bed sash, unbreakable and very light in weight. Properly installed, Cel-O-Glass is guaranteed for 5 years, will not break like glass nor tear like cloth, flexible, easy to handle and install. Put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, $8.50; 100-ft. roll, $32.40. 28-inches wide, 100 ft. roll, $24.75.

WINDOW FABRIC. Vio-Ray. The most popular glass substitute; transparent, waterproof and weatherproof, it costs much less than glass and for many purposes is superior. Any one can put it up. 36 inches wide; put up in 25, 50 and 100-yd. rolls. Per yd., 20c.



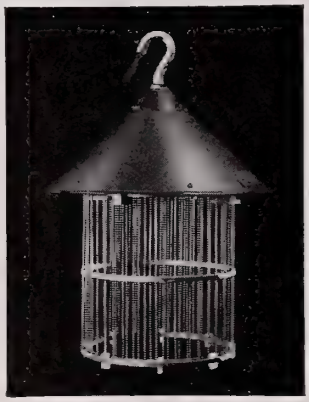
MILO WATERPROOF HOTBED MATS. A combination of heavyweight burlap, felt and absorbent pulp, cemented together with a specially prepared waterproof compound, absolutely impervious to rain, sleet and snow, proof against frost, repellent to rats and mice, easy to handle, wears for years. Size 40x78 inches, each, $1.00; doz., $17.85. Size 76x76 in., each, $3.60; doz., $35.00.

CONTINUOUS LENGTHS of Milo Waterproof Hotbed Matting. 40-inch width, per ft., 29c; 78-inch width, per ft., 58c.

ELECTRO STATIC LAMP

The Light that Kills (Ignis Mortis)

Rid your home, garden and greenhouse of insect pests by installing one or more Electro Static lamps, which will exterminate by electrocution all insects attracted to it by the light at night and bait in day time. Operating cost a mere trifle. Harmless to domestic animals. Price, $12.25.



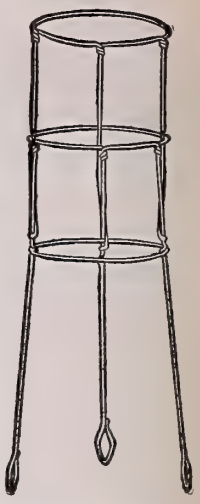
SAXOLIN DUPLEX CRINKLED TREE WRAP

For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. Rolls, 4 inches wide, about 120 ft. to a roll. Weight about 2 lbs. Each, 50c; 5 rolls for $2.25; 10 rolls for $4.25; 25 rolls for $10.00.

Write us for prices on Hotbed Heating Cable and Thermostats for making Electric Heated Hotbeds.

Plant Supports

MODEL EXTENSION CARNATION SUPPORTS



Bases or bottom circle made of No. 12 galvanized wire, top circle of No. 13 galvanized wire; diameter of top circle 6¾ inches, bottom circle 7½ inches; total height of support, extended, 24 inches; shipping weight, two-ring supports, approximately 360 pounds per thousand; three-ring supports, approximately 410 pounds per thousand.

Price, 2-ring supports, $6.50 per 100; $57.50 per 1,000. 3-ring supports, $7.50 per 100; $62.50 per 1,000.

Write for price in large quantities.

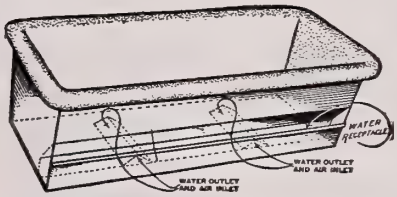
CARNATION STAPLE, Pillsbury's. For mending Carnation flowers with burst calyx. Practically invisible, being made of very fine hair wire. 1,000 staples, 35c; 3,000 for $1.00.

PEONY-SUPPORTS. Made of heavy galvanized wire. Height about 42 inches, width about 13 inches. Can also be used for supporting Tomatoes, Dahlias, etc. Per doz., $2.75; in 3 doz. lots, doz., $2.65.

Window Boxes, Baskets

THE LITTLE WONDER NO-DRIP HANGING BASKET. A self-watering basket which gives the plants plenty of air and perfect drainage, thus promoting the greatest possible growth. The patented irrigator and no-drip feature of this basket make it an ideal basket for either porch or inside use.

	Each	Doz.		Each	Doz.
5 inch..	$0.85	$ 9.00	9 inch..	$1.60	$16.20
6 inch..	.95	9.50	10 inch..	2.25	24.00
7 inch..	1.10	11.40			



Success Self-Watering Flower Boxes

SUCCESS SELF-WATERING FLOWERBOXES. Are substantially constructed of galvanized sheet steel, lock seamed and soldered watertight. Outside dimensions of Window Boxes, Model A:

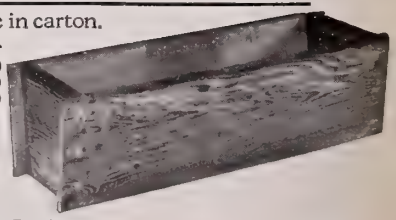
Length	Width	Depth	Price
24 inch	8½ inch	6¼ inch	$1.25
30 inch	8½ inch	6¼ inch	1.50
36 inch	8½ inch	6¼ inch	2.15
42 inch	8½ inch	6¼ inch	2.65

Packed six in a crate. 10% discount on crate lots.

CLEAR HEART REDWOOD WINDOW BOXES

Knocked down packed one in carton.

Length	Depth	Width	Each	10 for
24 in.	8 in.	8 in.	$0.75	$ 6.50
36 in.	8 in.	8 in.	1.00	8.50
48 in.	8 in.	8 in.	1.25	11.00



Reeds and Raffia

REEDS. Extra White, prime quality.

	Per lb.	5 lbs. Per lb.		Per lb.	5 lbs. Per lb.
No. 1	$0.70	$0.65	No. 5	$0.50	$0.45
No. 2	.65	.60	No. 6	.45	.40
No. 3	.60	.55	No. 7	.45	.40
No. 4	.55	.50	⅜-inch Flat	.60	.55

RAFFIA. Natural, Best Grade, f. o. b. Chicago. Lb., 35c; 5-lb. lots, per lb., 30c; 10-lb. lots, per lb., 25c; 25-lb. lots, 23c; 100-lbs., per lb., 18c. Bale lots (about 225 lbs.), per 100 lbs., $16.75.

Dyed—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 65c; 5 lbs. at 63c; 10 lbs. at 60c; 25 lbs. at 54c. Samples on application.

Stakes, Pots and Tubs

PLANT STAKES—A Full Line

CANE STAKES.

Standard Grade. These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price (if shipped from Chicago), per 100, $1.10; 500 for $4.75; per 1000, $8.50. (If shipped from New York), per 100, $1.50; 500 for $6.00; per 1,000, $10.50.) Special price on larger lots on application.

Japanese Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago Per 100	Per 1000	Per Bale of 2000	F. O. B. New York Per 100	Per 1000
1½ feet	$0.45	$2.25	$ 3.00	$0.45	$2.10
2 feet	.65	2.75	4.00	.50	2.60
2½ feet	75	3.20	5.00	.65	3.15
Natural. 6 ft.	1.25	8.50	.....	1.20	7.95
3 feet	.95	3.60	6.00	.80	3.65
3½ feet	1.10	4.75	7.00	.95	4.45
4 feet	1.15	5.60	8.35	1.10	5.25

Write for price in bale lots.

Pipe Stems, 4 to 6 ft. long, weight, per 1,000, 54 lbs. F.O.B. Chicago, 100 for 95c; 500, $3.25; 1,000, $6.00.

Write for price on green painted light and heavy wood stakes.

Heavy Chinese Tonkin Stakes, Natural Colors. Heavy weight bamboo. Entire stake same weight, do not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Last a lifetime.

Length	Diameter	F.O.B. New York Per 100	F.O.B. Chicago Per 100
4 ft.	½ to ⅝ inch	$2.65	$3.00
4 ft.	⅝ to ¾ inch	3.40	4.00
5 ft.	⅝ to ¾ inch	3.65	4.00
6 ft.	⅝ to ¾ inch	4.25	4.50
8 ft.	⅝ to ¾ inch	4.95	5.95

Galvanized Steel Wire Stakes. Far superior to wooden stakes and practically indestructible. We supply largest buyers. Price subject to change without notice. We can also supply 12-gauge stakes; write us for price on quantities, delivered to your nearest freight depot. **Quantity Discounts:** 2,000 to 5,000, 5%; 6,000 or more, 6% from 1,000 price.

No. of Gauge, No. 9 Wire	Per 100	Per 1000	No. 9 Wire	Per 100	Per 1000
1½ feet	$1.00	$5.95	6 feet	$2.45	$20.25
2 feet	1.15	8.25	No. 8 Wire		
2½ feet	1.35	10.25	3 feet	$1.75	$13.40
3 feet	1.45	11.45	4 feet	2.10	16.40
4 feet	1.65	13.95	5 feet	2.50	19.75
5 feet	2.10	18.00	6 feet	3.20	22.90

PLANT TIES Lighting Wire. Per box of 1,000, $2.00; 5 or more boxes, $1.80 per box. Shipping weight per box, 2 lbs.

CLIP, Blake's New Loop Lever. For roses, 'mums, etc., up-to-the-minute stake holders; holds stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price $2.00 per 1,000. 5,000 for $9.50. Samples mailed free.

STAKE FASTENERS. Everlasting, packed 500 to a box, per box, $1.25; 10 boxes or more, $1.10 each.

GRAFTING WAX. Per ¼-lb. bar, 20c; ½-lb. bar, 30c; 1 lb., 50c.

GRAFTEX—A scientific grafting and dressing compound endorsed by leading tree surgeons. Protects the plant in every respect. Goes 50% further than other compounds. Price: ½ lb. cans, 45c; 5 lb. can, $3.75.

COLVIN SUBSURFACE IRRIGATOR

For trees, shrubs, and flowers, irrigates directly at the roots, dissolving the plant food in the soil and making it readily absorptive. This irrigator is adaptable to most types of soluble fertilizer devices so you can fertilize as you irrigate. Price, Junior model, $2.25; Standard model, $2.85; Professional model, $3.75.

☞ **Prices on pots subject to change without notice** ☜

IMPROVED NEPONSET PAPER FLOWER POTS.

The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

Size, inch	Per 100	Per 1000, f.o.b. New York	Per 1000, f.o.b. Chicago	Original crates hold	Gross wt. of 1000 pots about
2	$0.50	$ 2.65	$ 2.85	1,000	10 lbs.
2¼	.55	2.70	2.90	1,000	12 lbs.
2½	.60	2.90	2.95	1,000	16 lbs.
3	1.00	3.65	3.80	1,000	24 lbs.
3½	1.10	4.80	4.95	1,000	34 lbs.
4	1.20	5.85	6.00	500	46 lbs.
5	1.85	8.00	8.20	500	74 lbs.
6	2.40	10.50	10.75	500	102 lbs.

FLOWER POTS, Standard Red

F. O. B. Chicago.

We ship in original crates only. Please note the number of pots in crate, as at present labor costs we cannot break bulk.

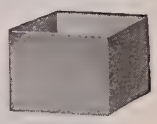
	No. of Pots in Crate	Sold in Crate Lots Only		No. of Pots in Crate	
2 in.	1,500	$ 8.10 per 1,000	6 in.	117	$ 5.90 per 100
2½ in.	1,200	10.75 per 1,000	7 in.	99	9.85 per 100
3 in	800	14.00 per 1,000	8 in.	50	14.25 per 100
4 in	360	2.40 per 100	9 in.	28	21.95 per 100
5 in.	240	4.10 per 100	10 in.	24	29.75 per 100
			12 in.	6	59.50 per 100

PLANT BANDS.

For growing plants in flats.

Put up in cartons of 1,000.

2-inch per M.....$2.70 3-inch per M.....$4.75



NEPONSET GREEN POTS—For Growing.

This new development makes it possible to take advantage of the economy, ease and convenience of paper pots for the full growing period of young plants without any damaging or retarding of root growth. In fact, the special waterproofing treatment of these pots seems to encourage healthy growth.

Size	Quan. per Case	Shipping Wt. per Carton	Price per Carton
2 inch	1,000	14 lbs.	$ 4.95
2¼ inch	1,000	16 lbs.	5 50
2½ inch	1,000	22 lbs.	5.95
3 inch	1,000	28 lbs.	6.95
4 inch	500	26 lbs.	4.95
5 inch	500	44 lbs.	7.45
6 inch	500	62 lbs.	9.75

AZALEA POTS, Also Suitable for Boston Ferns

	No. of Pots in Crate	Per 100		No. of Pots in Crate	Per 100
6 inch	117	$ 5.90	9 inch	28	$21.95
7 inch	99	9.85	10 inch	24	29.75
8 inch	50	14.25	12 inch	6	59 50

BULB PANS

	Doz.	Per 100		Doz.	Per 100
5 inch	$0.80	$4.10	8 inch	$2.25	$14.25
6 inch	.95	5.90	10 inch	3.90	29.75
7 inch	1.70	9.85			

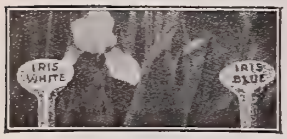
FLOWER TUBS.

"Richmond Style." These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York. Prices subject to change without notice.

	Inside Top Diameter	Depth Inside	Price, Each	Four for		Inside Top Diameter	Depth Inside	Price, Each	Four for
No. 1.	7 in.	6 in.	$0.55	$ 2.00	No. 9.	14 in.	13 in.	$1.50	$ 5.60
No. 2.	7 in.	7 in.	.60	2.20	No. 11.	16 in.	15 in.	1.70	6.40
No. 3.	8 in.	8 in.	.65	2.40	No. 13.	18 in.	17 in.	2.50	9.60
No. 5.	10 in.	9 in.	.75	2.80	No. 14.	19 in.	18 in.	2.95	11.40
No. 7.	12 in.	11 in.	1.00	3.80					

In lots of 12 tubs, less 5%. If handles are required, add 35c per tub.

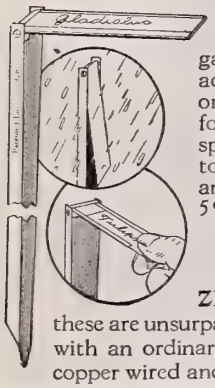
Plant Labels



PLANT MARKERS. Oval top; made of heavy galvanized sheeting, 9 in. long, per 100, $3.00.

ROCK GARDEN LABELS. 4-in. galvanized small oval bowl for rock gardens, per 100, $3.00; small bottle black ink for marking the above, each, 35c.

PLANT MARKERS. Cadmium plated, having four times the rust resistance of galvanizing. 3-in. label on 12-in. stake, per 100, $3.25; 3-in. label on 18-in. stake, per 100, $4.00; etching ink and stylus included.

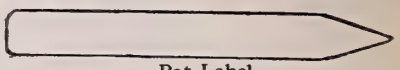


PEERLESS ALL METAL PLANT MARKERS. Non-rusting, made of copper bearing galvanized metal, finished in foliage green, no acid painting or special ink necessary. The ordinary lead pencil is the very best thing to use for writing the names. No hunting for some special stake, merely take the first one you come to and change the card. This is very quickly and easily done. **Quantity Discount:** 200, less 5%; 300 or more, 10%.

	Doz.	25	50	100
12-in.,	$1.20	$1.75	$3.25	$5.95
18-in.,	1.60	2.75	5.00	9.50

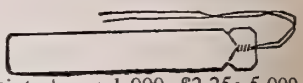
ZINC TREE LABELS. For an enduring label these are unsurpassed. They last for many years. Writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure 3¾ x ¾ inches. Price per 100, $1.50.

Pot and Garden Labels


Pot Label

LABELS (Pot). We carry the best quality of Wooden Labels made. They are smooth, strong and neat, ⅝ inches wide. When ordering specify pot labels or garden stakes, painted or plain.

	Packed to Carton	Plain, Per 1000	Painted, Per 1000
4-inch	1000	$1.55	$1.95
5-inch	1000	1.80	2.20
6-inch	1000	2.00	2.50
8-inch	500	2.50	3.00
10-inch	500	3.00	4.00
12-inch	250	4.00	5.00
GARDEN STAKES			
8-inch— ⅞-inch wide	250	3.95	4.95
10-inch— ⅞-inch wide	250	4.95	5.95
12-inch—1⅛-inch wide	1000	6.95	8.45



LABELS (Tree). Wooden, 3½ in., copper wired. Per 1000, plain, $1.80; 5,000 to 9,000, per 1,000, $1.65; 10,000 or more, per 1,000, $1.55; painted, per 1,000, $2.25; 5,000 to 9,000, per 1,000, $2.15; 10,000 or more, per 1,000, $1.95.

WEATHERPROOF PENCILS. For marking labels. Will not rub off or fade. Each, 10c; doz., 85c.

COPPER LABELS. Wired, indestructible. Per 100, $1.50; larger size, per hundred, $2.15.

EVERLASTING ZINC LABEL. A permanent label holds lead pencil marks permanently in all weather, one piece, 6 inches over all. Price per 100, 50c; 500 for $1.95; 1,000 for $3.25; 5,000 for $14.75.

Pruning Tools

SAWS (Atkins) Double-Edged Pruning.

16-in.. $1.25
18-in.. 1.40
20-in.. 1.50

TRIMMER, California Pole. Curved, draw-cut saw with crook for removing branches. Each, $2.25; 3 for $6.25.

Forester Pruning Saw. Makes heavy pruning easy and saves time. 26 inches long. Each, $1.95.

Utility Speed Pruning Saw. Length 26 inches, curved blade. Each, $2.95.

TREE PRUNERS. Waters' 6 ft., $1.85; 8 ft., $2.10; 10 ft., $2.35; 12 ft., $2.60. Extra blades, each, 25c.

No. 4 Jointed Tree Pruner, 12 ft., in three 4-ft. sections. Each, $7.00.

SCYTHE BLADES

Kelly Cloverleaf Dutch grass scythes. 32-inch ea., $1.50.

English Imported, riveted back, 30-inch, $2.50; 36-inch, $2.75. Scythe Snath, each, $1.85. Scythe Stone, Natural, 15c each.

SHEARS, Pruning. 6-in., $1.50; 9-in., full polished with rachet, American made, best quality, $1.50. Extra springs, ea., 15c.

Henckel Twin Brand Imported Pruning Shears, with ratchet.

7½-inch ..... each, $3.25
8½-inch ..... each, 3.75
9½-inch ..... each, 4.25

Henckel. California pattern, with brass spring, $4.00.

Snap Cut Pruner. Full polished. Each, $1.60.

FORESTER PRUNERS

No. 1—20 inches long, designed for the fruit grower. Each, $4.20. Weight, 2 lbs. 10 ozs.

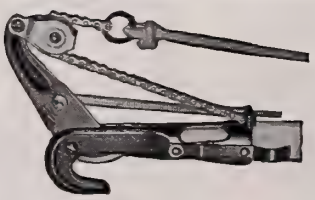
No. 2—27 inches long, has a capacity up to 1½ inch in green wood. Price, $5.25. Weight, 4 lbs., 10 ozs.

No. 3—34 inches long, capable of cutting up to its rated capacity in any so-called hardwood such as oak, maple and beech. Weight, 7 lbs. 4 ozs. Each, $6.50.

THE PORTER POINTCUT PRUNER

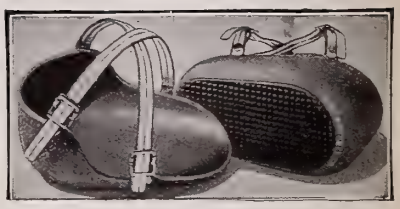
Light in weight, 2½ lbs., 20 inches long. Easy to use in close places. Price, $4.35.

IMPROVED TELEPHONE PRUNER. A strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power, strength and greatly improved spring action which eliminates spring breakage. No. 12 cuts 1½-inch branches, No. 11 cuts 1-inch branches. No. 11 Pruner Head only, $2.25. Price complete with one head pole, 6 ft., and two 6-ft. extension poles, $9.50. No. 12 Pruner head only, $5.25. Price complete with head pole and two 6-ft. extension poles, $15.50.



SPIKE TAMP. Easy to handle, quickly converted from spiker to tamper, each, $3.95.

KNEE PADS



All rubber cushion pads constructed of solid and sponge rubber with adjustable straps fit any knee, will not slip down while walking. Price, $1.25; 3 for $3.50.

MASTERS' PERFECT FERTILIZER DISTRIBUTOR

Spreads any kind of commercial fertilizer, grass seed and top dressing. It has a shut-off control and adjusting device right on handle. 36-inch size equipped with double disc wheels.

16-inch size ..... $ 9.25
24-inch size 12.50
36-inch size 19.00

Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners. Will outwear six cotton gloves. Sizes for women: "Small," "Medium," "Large"—for men: "Medium" and "Large." Price, 75c a pair; dozen pair, $6.60.

Rubber Hose, Couplers, Nozzles, Etc.

VAUGHAN'S FLORIST GUARANTEED HOSE

These prices are subject to change without notice.

A brand of hose manufactured especially for greenhouse use. Molded hose of highest quality; thick, sturdy hose wall and two braids of heavy cord, make it suitable for use by florists. Comes in bales of 500 feet; order exact number of feet you require. We can cut in any length.

Guarantee—We guarantee Florist Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse. We are headquarters and can meet competition.

25 to 49 feet.....per ft., 18c | 50 to 99 feet.....per ft., 17½c | 100 to 400 feet.....per ft., 17c.
In bales of 500 ft., 16½c. ft.

CORRUGATED HOSE. High grade molded hose suitable for use by florists and contractors on golf greens, in cemeteries, public parks and large estates. Price, 50 to 100 ft., 12½c ft.; 100 to 500 ft., 12c ft.

Price ¾ or ½ inch couplings 20c per set; sample mailed free if desired.

SPRAY HOSE. For high pressure spraying. ⅜ in., per ft., 18c; ½ in., per ft., 21c.

HOSE COUPLING, Improved Ever-Tight. No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 45c; doz., $4.80.

Corrugated Brass hose coupling, for ½ or ¾-in. hose. Each, 20c; doz., $1.95. 1-in., each, 40c; doz., $3.75.

MEYER ¾-INCH HOSE COUPLING. Connects the hose instantly by a straight push-on, and disconnects by twisting the ejector on faucet end slightly to the right. Complete coupling, each, 50c; doz., $6.00. Faucet end, each, 20c; doz., $2.40. Hose end, each, 30c; doz., $3.60.

HOSE STRAPS, Caldwell. For ½, ¾ and 1-in. hose. Doz., 35c; gross, $3.25.

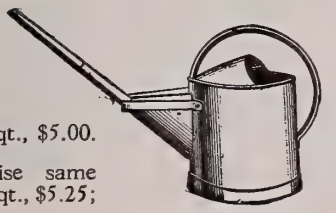
HOSE WASHERS. ¾-inch. Doz., 5c; gross, 50c.

PERFECT CLINCHING HOSE COUPLER. ¾-inch. Per pair, 30c; per doz., $2.60.

PERFECT CLINCHING HOSE MENDER. Each, 12c; doz., $1.00.

WATERING POTS. American. Heavy galvanized round can, 2 copper-faced roses, long spout. 4-qt., $3.95; 6-qt., $4.25; 8-qt., $4.50; 10-qt., $4.75; 12-qt., $5.00.

French Style. Oval, otherwise same make as above. 6-qt., $5.00; 8-qt., $5.25; 10-qt., $5.50; 12-qt., $5.85.



French Style

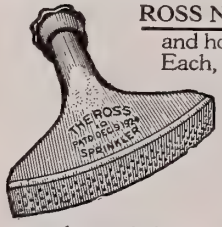
HOSE NOZZLES.

"Chicago"—Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. 2 plates, each 3¾ inches in diameter, about 100 very fine holes in each, giving both fine and coarse effective sprays. Florists like it. Price, $3.00.

Paradise Syringing Nozzle. 10-inch, each, $2.50; 18-inch, each, $3.00; extra tips, each, 35c.

Boston Rose Spray Nozzle—Brass. ¾-inch hose. State whether coarse or fine spray is wanted. Each, $1.25; by mail, $1.35.

"Justrite Nozzle"—Throwing all variations, from fine spray to stream. Each, 60c; doz., $4.80.

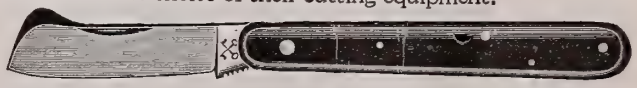


ROSS No. 10 SPRINKLER. Is preferred by growers and home owners; capacity seven gallons per minute. Each, 75c; doz., $7.50.

HOSE MENDER, The Cooper. It is simple, practical and effective. It does not reduce the diameter of the hose It will not rust or wear out. It can be used as many times as desired. You need no mechanical skill to adjust them. Price: For ½ or ¾-inch hose, each, 10c; 4 for 35c; doz., 80c. 1-inch hose, each, 12c; doz., $1.00.

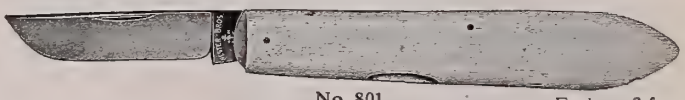
FLORISTS' KNIVES

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment.



No. 5A

	Each	3 for
Budding, No. 5A. Black handle; brass lined.....	$1.75	$5.00
Budding, Beech Wood Handle. Per doz., $4.00.....	.40	1.10



No. 801

	Each	3 for
Budding, Aluminum Handle (Imported), No. 801....	$2.00	$5.00

Propagating, No. 1011. Aluminum handle (imported). Each, $2.00; 3 for $5.00.

Vaughan's Florist (Henckel Brand) — Each

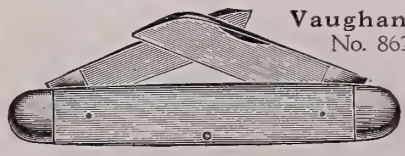
Vaughan's Florist—3 for $4.50; 12 for $15.00.....$1.75
Budding Knife—Ivory tip, black handle. Each, $1.75.
Henckel's White Handle, with Brass Caps, 2 blades, budding and prop., No. 727W. 3 for $6.00..... 2.25
Henckel's Nurseryman's Extra Heavy Pruner, No. 3C... 2.50
Henckel's Pruning, No. 2C..... 2 25

Kunde, No. 30A. For budding, copulation, and vine grafting. Each $2.35; three for $6.75.

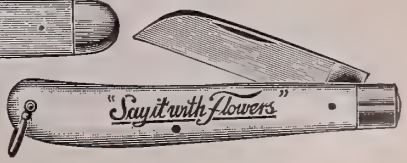
Kunde, No. 23. For vine, rose, and tree grafting. Each, $2.35; three for $6.75.

Putty Knife—No. 120, a very good tool; 3 for $1.10...Each, $0.45
Pruning, Stag handle.....Each, 2 00

Vaughan's Budding and Prop., No. 86281, with Brass Caps, each, 75c; doz., $8.50.



White Handle, No. 83023W, silver nickel shackle for chain attach. Each, $1.00; 3, $2.75.



Vaughan's High Grade Fertilizers

Prices for Florists F.O.B. New York.

The Yield and Quality of Vegetation Depend Upon Continuous and Rapid Growth.

It has been demonstrated that crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Plant food of the right amount and kind controls the yield and quality of products more than any other condition, and it is neither wise nor economical to depend upon the natural condition of the soil or the application of stable manure only for profitable crops.

Vaughan's Lawn and Garden Fertilizer. (5-8-6) **Five per cent nitrogen; eight per cent phosphoric acid; six per cent potash.** This mixture differs from our balanced plant ration in that it is composed of plant foods in mineral form. The advantages of mineral fertilizer include the absence of objectionable odor, and the quality of being more readily soluble, which makes it more quickly effective upon plant growth.

For a new lawn, broadcast evenly 30 to 40 lbs. per 1000 square feet. To stimulate an old lawn, apply 20 to 30 lbs. per 1000 square feet, during the growing season, wash it down immediately with the hose to prevent burning. For flowers and vegetables, use from 4 to 6 lbs. per 100 square feet. **Price, 100 lbs., $3.00; 1000 lbs., $25.00; 2000 lbs., $45.00.**

Vaughan's Balanced Plant Ration. (5-8-7) This is our best brand of concentrated manure, excellent for mixing into potting soil or as a top dressing. It is a **money-maker.** For potting soil, use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass seed is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water. **Price, 100 lbs.,$3.25; 1000 lbs., $25.00; 2000 lbs., $45.00.**

Acid Plant Food. (6-15-4) A special fertilizer for Acid Loving Plants. **Price, 25 lbs., $2.50; 50 lbs., $3.50; 100 lbs., $5.50.**

Adco. **Artificial Stable Manure.** Convert all non-woody vegetable refuse such as stalks, cuttings, weeds, withered leaves and flowers, vines, etc., into artificial manure. A 25 lb. bag is enough for 12 wheelbarrow loads of waste, making ½ ton of manure. **Price, 7½ lb. bags, each 85c; doz., $8.40; 25 lbs., $2.00; 150 lbs., $10.50.** Instructions with each bag.

Aluminum Sulphate. For creating acid condition in the soil. **Price, 25 lbs., $1.25; 100 lbs., $3.50; 500 lbs., $16.00.**

Bone and Blood. **Tankage,** Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre. **Price, 100 lbs., $3.25; 1000 lbs., $30.00; 2000 lbs., $58.00.**

Clay's Fertilizer. This valuable imported manure is especially recommended to all who grow either fruit, flowers, or vegetables, and wish to bring them to the highest perfection. It should also be used in potting soil as a top-dressing. **Price, 7 lbs., $1.25; 14 lbs., $2.00; 28 lbs., $2.85; 56 lbs., $5.00; 112 lbs., $9.25.**

Cotton Seed Meal. **100 lbs., $4.00; 500 lbs., $18.00.**

Dried Blood. 12%. For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. **Price, 100 lbs., $4.45; 1000 lbs., $42.50; ton, $83.00.**

Electra. (4-9-3) A great favorite with private estate gardeners, due to its being high in organic matter. **Price, 25 lbs., $2.50; 50 lbs., $4.00; 100 lbs., $6.75.**

Fairway Grass Food. Compounded for the feeding of turf grasses and for no other plant or purpose; recommended by leading turf specialists and agronomists; for use on lawns, golf courses and parkways. **Price, 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.00; per ton delivered, $65.00.** Write for quantity prices.

Floranid Urea. A highly concentrated inorganic fertilizer containing 46 per cent. available nitrogen; clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. **Price, lb. can, 25c; 5 lbs., 90c; 10 lbs., $1.50; 25 lbs. for $2.75; 50 lbs., $5.00: 100 lbs., $8.00.**

Florist Special Mixture. (5-15-5) **100 lbs., $3.50; 500 lbs., $14.00; 1000 lbs., $26.00; 2000 lbs., $50.00.**

Flower Soil. For gardens and potting. A complete, neutral scientific soil, containing basic material, organic matter and plant food. Not a fertilizer. Weed free. Price, 25 lbs., **75c;** 50 lbs., **$1.35;** 100 lbs., $2.25.

Hardwood Ashes. Canadian Imported. This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. Is used on the lawn at the rate of a ton or more per acre as a first application, and annual dressing of three hundred pounds afterwards will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. **Price, 100 lbs., $2.75; 1000 lbs., $22.00; 2000 lbs., $42.00.**

Horn Shavings. Quick-acting and lasting. **Price, 50 lbs., $2.75; 100 lbs., $4.00; 500 lbs., $19.00.**

Hydrated Lime. For soil acidity, it improves the texture of the soil, lets in air and moisture, liberates nitrogen and other plant food, makes your soil sweet. Apply after the land is plowed or dug for a crop, scattering with a lime distributor, 2 tons or more per acre, a large handful to a square yard. **Price, 50 lbs., $1.00; 1000 lbs., $8.50; 2000 lbs., $16.50.**

Vaughan's Special Rose Grower Bone Meal. "Rose Grower". This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen, 3.70 per cent; total phosphoric acid, 20 per cent. **Price, 100 lbs., $3.25; 1000 lbs., $25.00; 2000 lbs., $45.00.**

Quantity Required.—For permanent pasture and mowing lands, ½ to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn, as a base, 3 to 5 lbs. per 100 square feet.

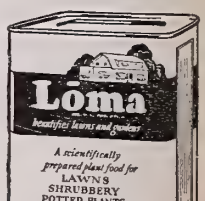
REGULAR GRADE BONE MEAL. Price, 100 lbs., $2.85; 1000 lbs., $27.00; 2000 lbs., $52.00.

Raw Bone. Ground. This material appeals to every florist who has used it. **Price, per 100 lbs., $3.00; 1000 lbs., $28.00; ton, $55.00.**

Humus. Recommended for top dressing or use on heavy clay soils. **Price, 100 lbs., $1.00; ton, $18.00.**

Leaf Mold. **Price, 100 lbs., $2.00; 1000 lbs., $17.50; 2000 lbs., $32.00.**

Loma. A scientifically prepared plant food for lawns, flowers, vegetables, shrubbery and potted plants. **Price, 1-lb. carton, 24 to a case, per case, $1.44; 5-lb. carton, 12 to a case, per case, $3.60; 10-lb. bags, paper lined, packed 10 in a bale, per bale, $5.70; 25-lb. bags, 4 in a bale, per bale, $4.20; 50-lb. bags, 2 bags to a bale, per bale, $3.54; 100-lb. bag, $2.90 per 100.**



Special Lupin Fertilizer. **5 lbs., 50c, 25 lbs., $2.10; 50 lbs., $3 50.**

Muriate of Potash. Imported Potash, once again available, should be used liberally, especially for all root crops. **Price, 100 lbs., $3.00; 1000 lbs., $23.00; ton, $45.00.**

Nitrate of Soda or Chili Saltpeter. Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Florists who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is **to grow maximum crops** you must furnish the plant with Nitrogen. **Price (subject to market changes), 25 lbs., $1.40; 50 lbs., $2.10; 100 lbs., $3.00; 1000 lbs., $28.00; ton, $48.00.**

Nitrophoska. A highly concentrated inorganic fertilizer, clean and odorless. 15 per cent nitrogen, 30 per cent phosphoric acid and 15 per cent potash. **Price, 1 lb. can, 25c; 5 lbs., 90c; 10 lbs., $1.50; 25 lbs., $2.75; 50 lbs., $4.50. 100 lbs., $6.00.**

Write for prices on larger quantities in original bags.

Peat Moss Granulated. A moisture retaining humus, an important aid in saving soil fertility. Better than manure. **Bale, about 22 bushels, $2.75; 5 bale lots, $2.50 each.** Write for quantity prices.

Peat, Orchid. Fern roots; very useful for Orchids and Azalea. **Price, $2.25 per sack of two bushels; 5 sack lots, $2.10 per sack.**

Poultry Manure. Use it to enrich the soil for flowers, shrubs, lawns and garden. **Price, 100 lbs., $2.75; 500 lbs., $10.00; 1000 lbs., $18.00; 2000 lbs., $35.00.**

Pulverized Limestone. **100 lbs., $1.25; 500 lbs., $5.00; 1000 lbs., $9.00; Ton, $16.00.**

Scotch Soot. (Genuine Imported.) Florists know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. **Price, 100 lbs., $3.50; 1000 lbs., $32.50.**

Sheep Manure. **(Wizard Brand).** This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. **Price, 100 lbs., $2.15; 1000 lbs., $21.00; 2000 lbs., $40.00.**

IMPORTANT. The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

We are not responsible for loss of weight, due to evaporation, of any fertilizers.

These prices are subject to change without notice.

Vaughan's High Grade Fertilizers

Prices for Florists F. O. B. New York.

Shredded Cow Manure.

An efficient, high-grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. **Price, 100 lbs., $2.25; 1000 lbs., $21.00; 2000 lbs., $40.00.**

Sorbex. The finest peat organic, finely pulverized. Mix with soil in seed flats and pots. Will improve germination of fine seed. A perfect mixture is one part of Sorbex to two parts of screened garden loam by volume.
Per 10-bushel bag, $2.25; 5 or more bags, each, $2.00.

Stimuplant. A very effective plant food and stimulant for all house plants. 10c size put up 10 packets to a display case, **Price, 60c**; 25c size put up in counter display case, 10 to a case, **$1.50**; 75c retail size at **45c**; **$2.50** retail size at **$1.50**; **$3.50** retail size at **$2.10.**

Sulphate of Ammonia. Used for its Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil or 3 gallons of water. **Price, 100 lbs., $3.00; 1000 lbs., $28.00; ton, $54.00.**

Sulphate of Potash 48%. **100 lbs., $4.00; 500 lbs., $17.00; 1000 lbs., $32.00.**

Super Phosphate. 20% available. Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. **Price, 100 lbs., $2.00; 1000 lbs., $14.00; 2000 lbs., $26.00.**

Tree Food (10-8-6) Made especially for nurserymen and tree experts, a dependable plant food for increasing the growth and development of shade and ornamental Trees, Shrubs and Evergreens. **Price, 100 lbs., $3.50; Ton, $60.00.**

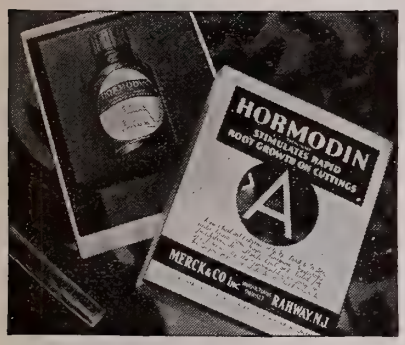
Vigoro. A specially prepared plant food. It contains all elements plants need for healthy growth, because it is a complete plant diet. A good seller. **Price, 100-lb. bag, $2.75; 50-lb. bag, $1.70; 25-lb.bag, $1.00; 10-lb. pkg., 6 to a case, $3.36; 5-lb. pkg., 14 to a case, $4.06; 1-lb. pkg., 32 to a case, $1.92.**

IMPORTANT. The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

We are not responsible for loss of weight, due to evaporation, of any fertilizers.

HORMODIN The Root-Forming Chemical

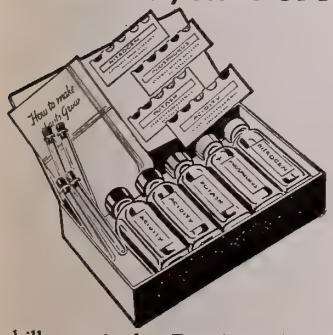
A higher percentage of successfully rooted cuttings is assured through the simple, low cost Hormodin treatment. Write for Leaflet. Prices f. o. b. shipping point. Hormodin is mailable. Treatment consists in immersing the basal ends of cuttings in a solution of Hormodin of recommended strength for from 4 to 48 hours, according to directions. Cuttings so treated root quicker and have more growing roots.



Size of Pkgs. in B. T. I. Units	Price per Package
20	$ 1.00
60	2.00
240	5.00
480	9.00
960	17.00

All Postpaid.

The Sudbury Home Gardener's Soil Test Kit, $1.50



This simple, practical easy-to-use kit is your best insurance of gardening success. Made by the maker of professional field test kits used by nurserymen, growers and greenskeepers throughout the country. The Home Gardener's Kit tests for nitrogen, phosphorus, potash and acidity, giving complete information for the intelligent adjustment of your soil to the requirements of your plants and grasses. No technical skill required. Results of tests are apparent immediately.

The Sudbury Home Gardener's Soil Kit. Complete with instructions and table of plant needs, $1.50.

Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash, or acidity. 2 oz., 75c; 6 oz., $1.50.

The Sudbury Horticultural Soil Test Kit, $9.75

The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit contains enough material for 60 individual tests. The Sudbury Horticultural Kit, complete with instructions and table of plant needs, $9.75.

Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash or acidity. 2 oz., 75c; 6 oz., $1.50.

The Sudbury Professional Soil Test Kit—Contains enough material for 200 individual tests. Price complete with instructions, $18.50.

ROOTONE

PATENTS PENDING

A hormone powder easy to use, anyone can apply safely, no skill is needed to apply Rootone no measurements, no vials, no elaborate charts to follow, just dip and plant. Price, 2 oz. jar enough to treat 3,000 cuttings, $1.00; 1 lb. jar will treat up to 30,000 cuttings, $5.00. **Write for leaflet all postpaid.**

Auxilin. Is a hetero-auxin with Indolebulyric acid its active ingredient that actually induces roots to grow on cuttings from plants, shrubs and trees. ⅙ oz., each, 50c; doz., $4.00; ½ oz., 80c; doz., $8.00; 3½ oz. size, $4.80; 8 oz., size, $9.60. All postpaid.

Lawn and Garden Supplies

SMITH FLAME GUN

4 gal. heavy all-welded (not riveted or soldered) corrugated fuel and air tank tested to 100 lbs., burns kerosene, range oil, stove or light furnace oil. Price complete, **$15.00** (weight 17 lbs.)

DELUXE HOME GARDEN OR GOLF COURSE WHEELBARROW

Lightest practical full-sized utility barrow on the market, yet sturdy enough to carry a load of 250 lbs. Size of tray 32x29 inches, capacity 3 cubic feet, weight 35 lbs. Channel steel legs, hardwood handles. Wheel cadmium plated steel disc type, tire 10x2¾ inches, doenut single tube cord. Price, **$7.75.**

WHEELBARROWS

Vaughan's Greenhouse. Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with 2½-inch thread; the axle is 15 inches wide. Made of the best material. Legs reinforced, spread at handles at hand-hold 20 inches, which is extreme width of barrow. Price, each, **$9.25.**

Equipped with a pneumatic wheel as illustrated. Price, **$16.95.**

MASTERS ALL-STEEL ALL-PURPOSE DUMP CART

Handy little wagon strongly built with heavy steel frame welded together. Lasts a lifetime. Takes the place of a wheelbarrow, but operates with greatest ease. Narrow enough to go through small door. Hauls heavy loads of earth, sand, gravel, bricks, stones, coal, ashes, vegetables, manure, potted plants, sods, shrubbery, etc. Just what every gardener and home owner needs. Price, each, **$8.25;** with Pneumatic Tires, **$17.50.**

"HERBICIDE"

For ordinary grass and weeds each part of Herbicide may be diluted with forty to fifty parts of water. One gallon will cover app. 2,500 sq. ft. Herbicide is a poison. Live stock should be kept off the treated ground until the dead leaves wither away. Qt., **45c;** gal., **$1.25;** 5 gals., **$4.50;** 10 gals., **$7.50;** 30 gals., **$20.00;** 55 gals., **$28.00.**

Reade's non-poisonous weed killer, qt. can, **70c;** gal., **$2.00;** 5 gals., **$6.50.**

Reade's NON-POISONOUS Weed Killer

MEO-181 A specific eradicant for dandelions, plantain, crab grass, and other common weeds, apply with a sprayer in a fine mist. Per gal., **$1.55;** 5 gals., **$7.25;** (Write for price in drums).

ATLACIDE

Non-poisonous Weed Killer Duster, especially recommended for obtaining weed-free driveways, paths, tennis courts, and gutters. 5lb.can kills 350 sq.ft. of weeds, price, **$1.50;** 15 lb. Drum, **$2.45;** 50 lb. Drum, **$6.00.** Write for prices on larger sizes.

WEED KILLER KIT

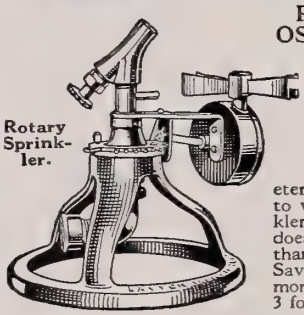
Killer Kemical kills Dandelions, Thistles, Plantain, Buckhorn and other common weeds. Does not sterilize the soil — Is not poisonous or inflammable — Does not stain walks or clothing — Does not corrode or rust metals.

Killer Kane insures easy and economical application—No stooping or back-breaking. Place Kane on crown of dandelion or weed and press handle slightly. A small amount of Kemical is released and does all the work. Children as well as grown-ups can operate effectively.

Killer Kits (Kane including can Kemical), **$1.75.**

Killer Kemical, ½-gal. **$1.45;** gal., **$2.35;** 5 gals., **$9.85.**

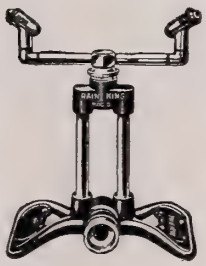
ROTARY and OSCILLATING SPRINKLER



Rotary Sprinkler.

This sprinkler is adjustable at will from bell-shaped spray or full stream, half or full circle, 15 to 80 feet diameter. It is a pleasure to watch this sprinkler in operation. It does the work better than a man can do it. Saves time, labor and money. Each, **$8.00;** 3 for **$22.50.**

MODEL D RAIN KING



Combines all the best features of both stationary and revolving sprinklers. Waters the largest lawns or the smallest corners, strips and odd-shaped places. Sprinkles in two directions at once or concentrates wherever water is wanted. Gives a gentle mist, a soaking downpour or light shower—all at instant command. Each, **$2.50;** 3 for **$7.00.**

LINCOLN PARK OR BUTTERFLY

Cheapest and best Sprinkler made. Each, **45c;** doz., **$4.80.** Mounted on stand; 2-foot, **$1.25;** 4-foot, **$1.40;** 6-foot, **$1.75.**

ROSS SQUARE SPRAY HEADS

It sprinkles a square, making it easy for you to install your own underground system at a very low cost. Threaded for ½-inch pipe, capacity 3¼ gals. per minute. Has a slotted adjusting screw to control the area of the spray.
No. 54A. Price, per doz., **$5.00**

THE EVANSTON SPRINKLER

One of the best lawn sprinklers on the market; has no revolving parts to wear out and will not clog with sand or dirt. Gives an even distribution of water over a large area.
Each, **65c;** 3 for **$1.80.**

KEMP IMPROVED POWER SOIL SHREDDER

Prepares any kind of soil, wet, dry, or stony — for any purpose. It reduces time and labor costs from 30% to 50% over old methods; makes manure and fertilizer go further. A Kemp Shredder usually pays for itself during the first year of use.

KEMP POWER SOIL SHREDDER No. 6

Shredding heavy, wet compost made from sod and manure. Designed especially for the small grower

Low in price and economical to operate. Powered with a ½-H.P. electric motor, that can be plugged into any electric light socket.

For use also in potting shed for shredding soil for use in flats and pots. Also a handy machine for shredding and mixing soil and manure on benches.

SPECIFICATIONS

Length	38"
Width	22"
Height at discharge end	36"
Height at hopper	33"
Weight	200 lbs.
Power	½ HP.

Capacity—either one or two men loading hopper.

Parts having most wear, the hopper, top and deflector, made from steel.

Machine shipped complete with motor and cord, ready to plug into socket and run.
Price of No. 6 complete ready to run.....$101.50

(F. O. B. Erie, Pa.)

Write for prices on other sizes.

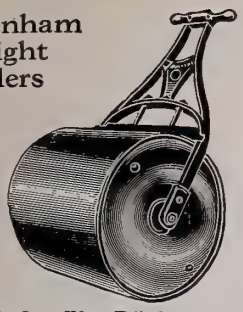
KEMP SOIL SHREDDERS

No. 5 powered with ¾ H.P Peerless electric motor with switch and 25 ft. of cord	$195.00
No. 5 powered with 1 H.P. Briggs and Stratton gas engine	205 00
No. 5 less engine or motor	170.00
No. 1 powered with either 2 H.P. Cushman gas engine or 1½ H.P. Peerless electric motor with switch and 25 ft. of cord	265 00
No. 1 complete without motor or engine	205.00
No. 1 without motor or engine, belt or belt-shield, but with pulley for operating with tractor	195.00
No. 2 powered with either 4 H.P. Cushman gas engine or 3 H.P. Peerless electric motor with switch and 25 ft. of cord	400.00
No. 2 complete without motor or engine	300.00
No. 2 without motor or engine, belt or belt-shield, but with pulley for operating with tractor	290 00

Note: Prices for machines with electric motors are for single, two and three phase motors. For special currents, prices will be furnished on request. In ordering, be sure to state phase of current and voltage.

Lawn Rollers and Trimmers

Genuine Dunham Water-Weight Lawn Rollers



Water Ballast Lawn Rollers, steel handles, roller bearings. acetylene welded drums with anti-turf-tearing tires, non-rust shut water entrance. The most efficient and easiest running roller made. Weighs 50% more when filled with sand. Water is more convenient.

No.	Diam., in.	Length, in.	Sections	Wt., empty	Filled, water	Price
WB5	18	24	1	85	265	$10.75
WB7	24	24	1	110	420	13.25
WB9	24	32	1	130	565	14.95

Dunham rollers with plain bearings slightly lighter than the roller-bearing rollers.

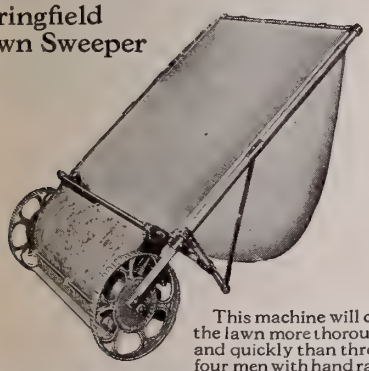
No.	Diam., in.	Length, in.	Sections	Wt., empty	Filled, water	Price
WB2	14	24	1	68	175	$ 7.75
WB4	18	24	1	82	265	9.00

WB1 for miniature golf courses; diam., 14 in.; width, 15 in.; wt. empty, 45 lbs.; filled with water, 115 lbs. **Price, $6.85.**

Write us for price and leaflet on Dunham Water-Weight Horse and Tractor Rollers.

Prices Subject to Change without Notice.

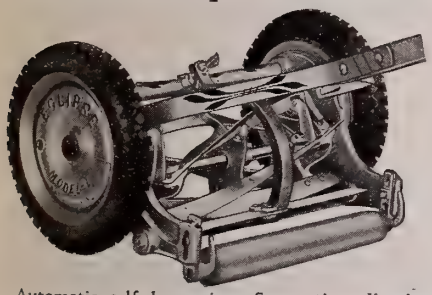
Springfield Lawn Sweeper



This machine will clean the lawn more thoroughly and quickly than three or four men with hand rakes, and greatly benefit the turf. Put together in the most durable and thorough manner, the brushes are made of tough durable bassine fibre, which is not affected by water, adjustable for close or light sweeping runs as easily as a lawn mower.

Price, 28-in. wide, ea., $38.00; 36-inch, ea., $47.00.

The Famous Eclipse Lawn Mowers



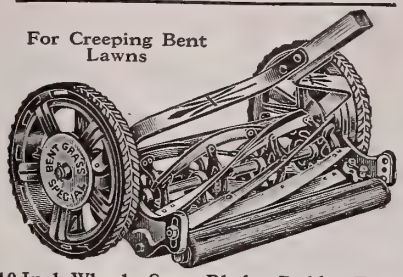
Automatic self-sharpening, finger tip adjusting, saves yearly sharpening and adjusting expense. The first cost of an Eclipse is the last cost. Precision methods of manufacture assure long service. **Specifications: Wheels,** 10-inch closed type. **Bearings,** patented super easy running wear-proof precision adjustable bearings. Run in oil wells to provide continuous lubrication. **Blades,** heat treated tool steel, precision ground by latest type automatic grinding machines.

	16 in.	18 in.	20 in.
Model A—			
Pneumatic Tires	$26.00	$27.50	$29.00
Standard Wheels	23.50	25.00	26.50
Model L—			
Pneumatic Tires	19.25	20.65	22.00
Semi-pneumatic Tires	17.50	19.25	20.50
Standard Wheels	16.35	17.75	19.00
Model M—			
Pneumatic Tires	17.75	19.25	20.50
Semi-pneumatic Tires	16.35	17.75	19.25
Standard Wheels	14.85	16.35	17.75

Special Discount on Request.

Special Ball Bearing Mower.

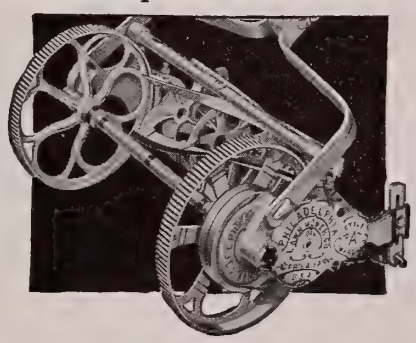
For Creeping Bent Lawns



10 Inch Wheels, Seven Blades, Rubber Tires.

Self-Adjusting Ball Bearings in revolving cylinder guaranteed for the life of the mower. Drive wheels 10½-inches in diameter, open type. Geared on both sides with reciprocating pawl ratchets. Cutter bar special design raised edge, tool steel hardened and tempered in oil. Height of cut, 3-16 inch to 1¼-inch. Seven blades, high speed tool steel, hardened and tempered, self-sharpening. Sizes: 16-inch, **$11.00;** 18-inch, **$12.50.**

Philadelphia Lawn Mower



The genuine Philadelphia Lawn Mowers are the recognized standard for high class machines. They are universally used in cemeteries and parks, where they are run constantly, day after day. The ordinary mowers cannot stand such usage. Write for catalog.

Style A. High wheel, all steel, very easy to run and light in weight. Ten-inch driving wheels. Long, large bearings, four or five blades, double ratchet. More of these mowers used by parks and estates than all other makes combined. Three gears on one side.

15 in.	17 in.	19 in.	21 in.
$17.75	$21.00	$23.00	$25.50

Style K. Cylinder with 5 blades. Driving wheel 10 inches. Roller bearings, bored with rifle-barrel accuracy. Vanadium crucible steel blades. Very durable. Single pinion gears on both sides.

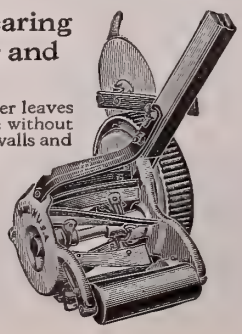
14 in.	16 in.	18 in.	20 in.
$12.75	$13.95	$15.40	$16.80

A Special Discount on 5 or More Mowers.

THE RICHMOND SOD CUTTER

A great labor-saver. A whole field can be cut without removing the sod, provided a narrow strip of about one inch in width is taken out at the start. **Price, $35.00.**

Masters Ball Bearing Lawn Trimmer and Edger



Does what Lawn Mower leaves undone. Having one side without wheel, it can run close to walls and trees, cutting grass clean and quick. Can also be used for trimming edges of walks, etc. Price, each, $6.75, with edger, $7.25 complete.

Write us for price and leaflet on Motor Mowers.

O-K PORTABLE ELECTRIC GRASS TRIMMING, EDGING and HEDGE TRIMMING EQUIPMENT.

You can save . . . the entire cost of a complete outfit as shown above during **Ten or Less Days** of use . . . **Every Kind** of Grass trimming, cutting and edging can be done **anywhere,** as power plant is portable . . . **two men each using an O.K. Trimmer can do as much work as eight to ten men can using sickles.**

DeLuxe Outfit **$166.50**

Includes power plant, trimmer and cord. Up to four trimmers can be run at one time.

Extra trimmers, **$19.00** each.

O. K. POWER PLANT

O-K Heavy duty Hedge Trimmer $15.00
O-K Jr. Hedge Trimmer 8.85

You have unlimited use for O-K Equipment. Why not write us for further particulars—it's standard equipment now in thousands of cemeteries.

Doo-Klip Grass Shears

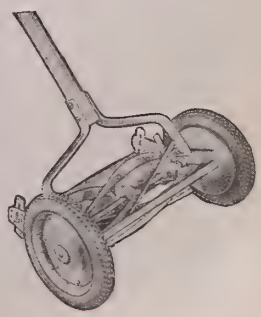
Each, $1.15; doz., $10.80.

Doo-Klip

Wiss Grass Shears

Finest quality with rubber grip. Each, $1.15; doz., $10.80.

Johnston Silent Running Lawn Mower



All steel unbreakable, patented adjustment no wrenches required, easiest running mower made. Every mower carries a five year guarantee. Neighbors not annoyed by early morning mowing. Price, 16-inch, $16.50; 18-inch, $17.75.

This Vivid Window Streamer Printed in Five Colors Will Bring You Business—Furnished Free to All Dealers.

Bigger Profits In Quality Seed

With low costs such as we again have this season there is a very nice margin for the dealer in grass seed. Our domestic grasses are all in good supply and cheap, but some of the fancy imported grasses have advanced sharply due to short crops.

FANCY GRASSES

All grass seed prices subject to change without notice.

KENTUCKY BLUE GRASS. Our blue grass is all recleaned to fancy purities with low weed content and is of high germination.

Fancy. Blue grass is again good quality this year and our seed is from the cream of the crop. Full bags (112 lbs.), $13.00 per 100 lbs.; broken bags, 14c per lb.; 10 to 25 lbs., 15c per lb.

Standard. Full bags (112 lbs.), $12.00 per 100 lbs.; broken bags, 13c per lb.; 10 to 25 lbs., 14c per lb.

Extra Fancy Suncured Seed. Purity 98%. Full bags (112 lbs.), 18.00 per 100 lbs.; broken bags 19c per lb.; 10 to 25 lbs., 20c per lb.

RED TOP, Extra Fancy. Recleaned from selected fields. Full bags (100 lbs.), $13.50 per 100 lbs.; broken bags, 14½c per lb.; 10 to 25 lbs., 15½c per lb. Bags 30c each extra.

Fancy. Full bags (100 lbs.), $12.00 per 100 lbs.; broken bags, 13c per lb.; 10 to 25 lbs., 14c per lb. Bags 30c each extra.

CLOVER, White Dutch. Bags, 30c each extra.

Fancy. $47.50 per 100 lbs.; less than 100 lbs., 48½c per lb.; 10 to 25 lbs., 49½c per lb.

Choice Grades. $46.00 per 100 lbs.; less than 100 lbs., 47c per lb.; 10 to 25 lbs., 48c per lb.

Put up in packages of 5 lbs. and less, write for prices.

RYE GRASS, Native Grown. Full bags (100 lbs.), $7.50 per 100 lbs.; broken bags, 8½c per lb.; 10 to 25 lbs., 9½c per lb.

CHEWING'S FESCUE. Full bags (115 lbs.), $65.00 per 100 lbs.; broken bags, 66c per lb.; 10 to 25 lbs., 67c per lb.

POA TRIVIALIS (Rough Stalked Meadow Grass). Full bags (107 lbs.), $40.00 per 100 lbs.; broken bags, 41c per lb.; 10 to 25 lbs., 42c per lb.

Ask for quotations on grasses not listed.

LAWN MIXTURES

Vaughan's No. 25 Lawn Mixture. 100 lbs., $12.50; 1-lb., cartons (ea., 17c), $14.50 per 100 lbs.; 5-lb. bags (ea., 80c), $13.50 per 100 lbs.; 10 to 25 lbs., 14½c per lb. Retails 25c per lb.

"Good Mixed" Lawn Grass Seed. $14.50 per 100 lbs.; less than 25 lbs., 16½c per lb.

Vaughan's No. 40 Lawn Mixture. Intermediate grade. 100 lbs., $16.50; 1-lb. cartons (ea., 20c), per 100 lbs., $18.50; 5-lb. bags, (ea., 95c), per 100 lbs., $17.50; 10 to 25 lbs., 18½c per lb.

Vaughan's "Private Estate" Bent Formula

A very fancy mixture containing an important percentage of the Bent grasses. Makes a beautiful velvety lawn. More practical than pure bent lawns.

(Retails at 60c per lb.) Price, $40.00 per 100 lbs.; 5-lb. bags (ea., $2.20), per 100 lbs., $41.00; 1-lb. cartons (ea., 45c), per 100 lbs., $42.00 Orders for 10 to 25 lbs., 42c per lb.

SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

Vaughan's Chicago Parks

The stand-by for fine serviceable lawns for two generations, this splendid formula remains the universal favorite. The basis of this mixture is a large amount of fancy Kentucky blue grass, which is combined with other suitable grasses in the proper proportion to produce a fine permanent turf.

Prices for Chicago Parks Formula

	Per 100 lbs.
½-lb. carton, each, 15c (Retails for 25c) / 1 -lb. carton, each, 25c (Retails for 40c)	$22.00
2 and 3-lb. cartons	21.50
5-lb. cartons or bags (each, $1.20)	21.00
10 and 15-lb. bags	21.00
100, 50-lb. and 25-lb. bags	20.00
300 lb. lots	19.50
500 lb. lots	19.00
1000 lb. lots	18.00

On Larger Lots Ask For Prices

We offer this same mixture, without White Clover, under the name Vaughan's "Fairway" Mixture, at prices the same as "Chicago Parks."

Vaughan's Columbian (Shady Place Formula)

	Per 100 lbs.
½-lb. carton, each, 20c (Retails for 30c) / 1 -lb. carton, each, 35c (Retails for 50c)	$32.00
2 and 3-lb. cartons	31.50
5-lb. cartons or bags (each, $1.70)	31.00
10, 15-lb. bags	31.00
100, 50-lb. and 25-lb. bags	30.00
300 lb. lots	29.50
500 lb. lots	29.00
1000 lb. lots	28.00

On Larger Lots Ask For Prices

Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptional shade mixture and decidedly the best shade mixture on the market. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet.

(Retails at 70c per lb.) Price, $45.00 per 100 lbs.; 5-lb. cartons (ea., $2.45), per 100 lbs., $46.00; 1-lb., cartons (each 50c), per 100 lbs., $47.00. Orders for 10 to 25 lbs., 47c per lb.

Note

We call attention to the fact that we carry a complete line of native and imported grasses, using great care always as to quality in our purchases, and can quote to advantage.

"Your Lawn"

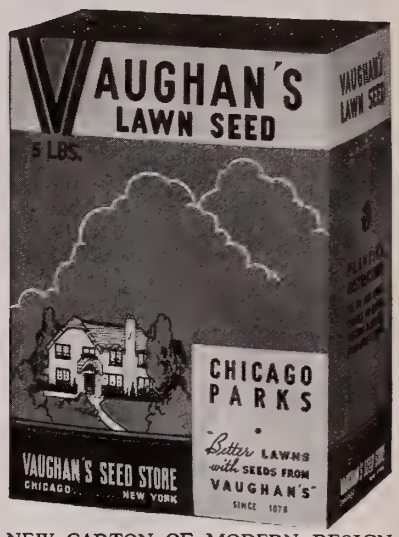
This booklet gives the latest scientific advice on all phases of lawn making. One copy is packed with each carton and bag of the lawn seed mixtures priced on this page.

All grass seed net cash, f. o. b. Chicago and New York and subject to change without notice.

Freshly Packed and Tested Lawn Seed in 1940 for Your Unsold 1939 Stock

New Policy a Proved Success

Seed Laws in Many States Require Dated Germination Tests



NEW CARTON OF MODERN DESIGN SUPPLIED IN ALL SIZES UP TO 5 LBS.

OUR dealers can purchase cartons and 5-lb. bags of our branded seed with no fear of carrying over out-dated seed into the following year. We will allow unsold packages to be returned to us and replace them with freshly packed and tested seed the following spring.

Dealers who have tried this plan report that it enables them to keep up stocks and get maximum sales throughout the season with no fear of inventory losses.

This offer is NOT in any way to be considered on a consignment basis but is solely for the protection of our dealers against having to carry into the following year unsaleable, outdated and soiled cartons.

The terms of sale are absolutely the same as heretofore.

This offer does not apply in any way whatsoever to bulk seed or non-branded seed and this is in no way to be considered a guarantee sale. All seed to be exchanged must positively be returned to us by December 1, 1939, and replacement will be made by March 1, 1940.

For Your Protection

All our grass seeds are carefully analyzed in our own fully equipped laboratory and tagged or labelled to conform to the complicated requirements of the state laws. Errors in labelling might be costly and troublesome. Play safe. With each of the deals below we furnish the vividly colored window streamer illustrated on the opposite page.

Vaughan's Chicago Parks

Contains NO TIMOTHY

Recommend this mixture for beauty and durability. It produces a fine turf that will endure. The splendid reputation of this mixture for over half a century makes it an easy seller and keeps satisfied customers. For seeding and care of lawn, call customer's attention to lawn booklet enclosed in every carton and bag of Vaughan's lawn seed.

Chicago Parks Deal No. 1

$15 Net Cash

Retails for $27.10

Cartons	Ret. Price
40 1-lb.	$0.40
6 5-lb.	1.85

Vaughan's No. 25 Lawn Mixture

An Economy Mixture Containing NO TIMOTHY

This blend fills the demand for a mixture which is both inexpensive and at the same time free of objectionable timothy so widely used as a lawn seed adulterant. Our No. 25 has, as its chief ingredient, the grass which is used for winter putting greens on southern golf courses. It comes up as quickly as timothy, will last longer and makes a fine appearance if kept cut.

Retails for $16.00

Cartons	Ret. Price
32 1-lb.	$0.25
Bags	
8 5-lb.	1.00

No. 25. Deal No. 2

$10 Net Cash

Try this Best of Florist Sidelines This Christmas

More than 1,000 Florists Making Profits on Vaughan's Natural Floral Perfumes

From Satisfied Customers Read What They Say

Toledo, Ohio

"We have had your true floral perfumes on display in our store for seven days and without any promotional urging on our customers have found it the fastest selling side lines we have. The idea of a florist selling perfumes seemed a little crazy when we hesitatingly put it on display, but we find it a 'natural' to sell in a florist shop." Glauser's, John G. Glauser.

Quincy, Ill.

"I have sold a lot of your perfume, in fact we have been refilling our supply from time to time. All in all, it proves to be a wonderful sideline. We expect to increase our sales as soon as the public becomes Christmas-minded."

H. A. Genteman, Florist.
R. G. T.

More than a thousand retail florists are now doing a highly profitable business in Vaughan's True Floral perfumes.

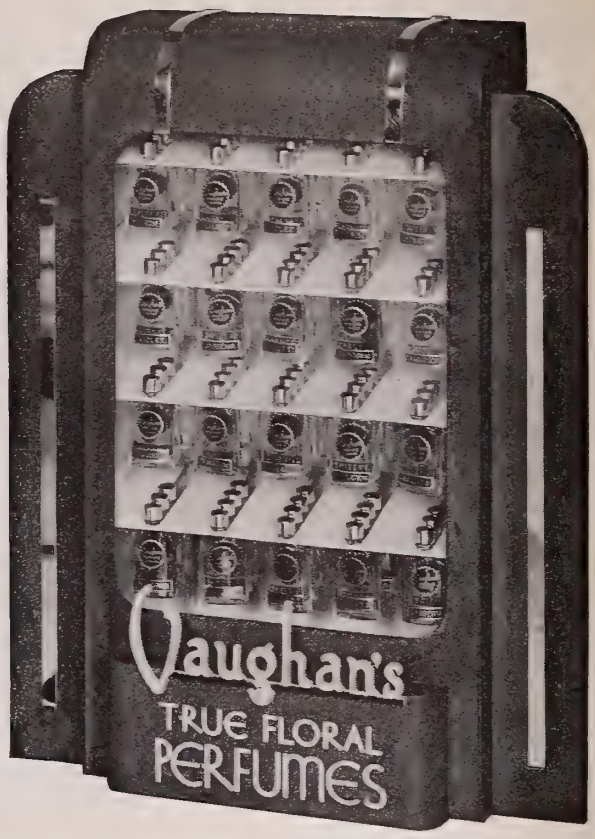
Their customers find it natural to purchase floral perfumes in a flower shop, and appreciate the savings which our prices allow over even the department stores and drug stores, though the quality of our perfumes is unsurpassed by any line.

Today's vogue for floral perfumes has increased the demand for Vaughan's true odors—the only line in existence that is based on the **natural** fragrance of the freshly opened flower. In selling this perfume you are tying in with a demand that can be met with no other line in existence. A "natural" for florists.

You can try this proved sideline without risk, by sending for our introductory offer. We give you 90 days to sell what you can, with the privilege of returning unsold stock if you wish.

We lend you a beautiful display cabinet which keeps your stock safe and in good condition, while permitting unobstructed examination of all odors.

Perfumes are the preferred Christmas and Easter gift, sold in larger volume at those seasons than any other time. Get your share of this profitable business!



This display cabinet, in violet crinkle finish with chromium trim and gold lettering, occupies counter space of 13 x 4½ inches and is 16½ inches tall. It holds your entire stock of 48 gold capped bottles, keeping them safe while allowing unobstructed inspection. Loaned with deal below.

OUR INTRODUCTORY DEAL

with Guaranteed Sale on 90 Day Terms, for..... $12

If in 90 days you are disappointed in sales, you may return Displays and unsold bottles for credit to your account.

HERE IS WHAT YOU GET FOR $12.00

This assortment includes everything you need to go into the perfume business — all display material, testing samples, direct mail folders, etc.

48 one-dram bottles of perfume (12 Lilac, 12 Carnation, 6 Lily of the Valley, 6 Heliotrope, 6 Violet, 6 Sweet Pea)—Retail Value, at 50c per dram..... $24.00

FREE DEMONSTRATION

6 testing samples (one each odor), retail value, $3.00.

Display Cabinet as illustrated, loaned to you.

Display Cards.

Consumers' folders for mailing. Not imprinted.

Total Sale Value	$24.00
Price to You	12.00
YOUR PROFIT	$12.00

REFILLS: One-dram perfumes, $3 per doz. F. O. B. Chicago

(If imprinted folders are wanted, these can be had at 50c per 100 or $2.00 per 1,000. Perfumed blotters to enclose with statements, consumers' folders, etc., are available at 50c per 100; $2.00 per 1,000. These are highly effective and bring in many customers).

L. H. VAUGHAN, PRES.
CABLE ADDRESS
VAUGHAN, CHICAGO
CAROTIDA, NEW YORK

Vaughan's Seed Store

CARL CROPP, V. PRES.
NEW YORK,
47-49 BARCLAY ST.

GREENHOUSES AND NURSERIES,
WESTERN SPRINGS, ILL.

GENERAL OFFICES AND WAREHOUSES
601-609 WEST JACKSON BLVD., CHICAGO

CHICAGO LOOP STORE
10-12 W. RANDOLPH ST.

All telegrams other than those for cut flowers F. T. D. should be addressed to our warehouse and general office at 601 W. Jackson Blvd., Chicago, or 47 Barclay Street, New York. F. T. D. messages to 10 W. Randolph Street, Chicago.

PRICES IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE

TERMS OF PAYMENT. To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. **Special 2 per cent** discount for cash in ten days from date of invoice (from these list prices only, not from "Special" mail quotations and excepting **net cash** items).

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover from which deduct 2 per cent (except on net cash items). If cash is not sent, supply bank and trade references.

POSTAGE for parcel post shipment. The prices in this catalog are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

C. O. D. We prefer not to send goods C.O.D., but when wanted in that manner 25 per cent. of amount of order must accompany it.

PERISHABLE STOCK, Plants, Bulbs, etc., are POSITIVELY not sent C.O.D.

WHERE SOLD. Our stocks are sold F.O.B., Chicago, New York or Western Springs (unless otherwise stated), and we do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines.

ROUTING. On each Order please give **name of railroad** you wish shipped by; there is no other sure way of correct routing. **DO NOT** use the words **send, ship or forward**—they **mean nothing.** State distinctly: **Mail, Express** or **Freight.**

BOOK ACCOUNTS. Customers who wish to open accounts will please supply usual bank and trade reference and financial statement. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some **individual name** should be signed to all orders. A typewritten or rubber stamp signature is insufficient. We do not open new accounts for **cash goods.**

ORDERS FOR BULBS, ONION SETS and like perishable stock which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control; we do not guarantee to supply if so lost.

INSURANCE. We insure all orders for seeds for $2.00 and over at buyer's expense, unless instructed not to do so.

Discounts on Standard Retail Packets for Resale

In no case will a discount be allowed where the retail value of the order sent in at one time is less than $1.00.

For orders for packet seeds to be placed in your stock and resold, discounts on prices in our SPRING RETAIL CATALOG will be given as follows:

25% on orders amounting to $1.00 or more (for packets only) when less than 5 of a kind are ordered at one time.

30% on orders (for packets) from $1.00 to $5.00, when at least 5 of a kind are ordered.

40% on orders (for packets) for $5.00 and over, when at least 5 of a kind are ordered.

None of these seeds are returnable. They are sold outright.

10% on special offers and cut-rate collections, none on bulb collections.

Cash Discounts on Flower Seeds. On all orders for flower seeds totaling less than $25.00 5%, and over $25.00, 8% may be deducted if cash is enclosed.

No order will be charged to open account for less than 25 cents.

All telegrams other than those for cut flowers F. T. D. should be addressed to our general office at 601 W. Jackson Blvd. F. T. D. messages to 10 West Randolph St.

IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED STORE, Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop; and it gives no warranty, express or implied, as to fertilizers, other than in respect to analyses or other data expressly and lawfully required of the seller by statutes.

ADVANCE ORDERS for roses, bulbs or seeds not yet grown or harvested are subject to prorata delivery in case of short crop.

STATE QUARANTINES. Plant regulations which may delay or damage plants are at customer's risk only. If your state imposes serious restrictions on plants shipped in, tell us.

TABLE OF CONTENTS

Explanation of table below: Numbers prefixed with B represent Bulbs; P, Plants; S, Seeds.

Page
Abutilon.....S.6
Achillea.....S.34, P.51
Ageratum...S.1, 6, P.55
Almond.....P.62
Aloe.....S.6
Althaea.....P.62
Alyssum...S.6, 34, P.51
Amaranthus.....S.6
Amaryllis.....B.48
Ampelopsis...S.34, P.64
Anchusa...P.S.6, 34, 51
Antirrhinum.S.1, 6, 7, 8
Apios Tuberosa....B.48
Aprons, Rubber.....82
Aquilegia..S.5, 35, P.51
Arabis.....S.5, 35, P.51
Asparagus..S.5,8,P.51,55
Asclepias.....S.35
Asters.P.S.1, 9, 10, 36, 51
Azaleas.....P.62
Balsam.....S.8
Baskets.....78
BegoniasS.1,11,B.48,P55
Bellis.....S.36
Berberis.....P.62
Biennials and Perennials.....S.34-47
Bignonia.....S.36, P.65
Boxes.....80
Browallia.....S.10
Buddleia...P.51, 52, 62
Bulbs.....48-50
Bulb Box Offer.....
...Inside Back Cover
Cactus Seed.....S.8
Caladiums...B.48, P.55
Calceolaria..S.1, 12, P.55
Calendula.....S.1, 12
Calliopsis.....S.11
Campanula.....
.....S.11, 36-37, P.52
Candytuft.....S.12
Canna.....B.P.S.13, 54,
Inside Back Cover
Carnations S.13, 37, P.52
Carnation Supports..84
Celosia.....S.1, 13
Cell-O-Glass.....84
Centaurea.S.14, 37, P.52

Page
Chinese Forget-Me-Not.....S.16, 38
Cheiranthus.....S.37
Chrysanthemums...S.1, 5, 14, 37, P.52, 56-57
Cineraria.....S.15, P.55
Cinnamon Vine....B.48
Clarkia.....S.14
Clematis..S.37, P.52, 64
Cobaea.....S.13
Coleus.....S.13
Consignment Seed...96
Convolvulus.....S.2, 14
Coreopsis....S.38, P.52
Cornus.....P.62, 65
Cosmos.....S.15
Crab Bechtel's.....P.65
Cuphea.....S.15
Cycas Leaves.....81
Cyclamen.S.16, 38, P.55
Cynoglossum....S.2, 16
Cyperus.....S.16
Dahlias.....S.16, B.59
Daisy (Bellis).....S.36
Delphinium.....
.....S.38, 39, P.51, 52
Deutzia.....P.62
Dianthus.....
...S.5, 17, 39, 40, P.52
Didiscus.....S.16
Digitalis.....S.40, P.52
Doves.....82
Draceana....S.16, P.55
Dusters.....75-76
Easels, Wood.....82
Echeveria.....S.17
Echium.....S.2
Edelweiss.....S.40
Eleagnus.....P.62
Escholtzia.....S.2, 17
Euonymus.....P.62
Eupatorium..S.41, P.51
Evergreens.....P.66-67
Ferns.....S.17, P.52, 55
Fertilizers.....88-89
Ficus.....P.55
Flower Boxes.....80
Flower Holders.....79
Flower Pots.....85

Page
Flower Seeds.....S.1-47
Flower Seed Novelties
Inside Front Cover, 1-5
Foil.....80
Forget-Me-Not....S.40
Forsythia.....P.63
Freesia.....S.2, 17
Fungicides.....74-75
Funkia.....P.52
Gaillardia.....
...S.5, 17, 41, P.51, 52
Geranium....S.17, P.55
Geum.....S.41, P.52
Gladiolus.....B.49-50
Glazing Tools.....83
Gloxinia.....S.18, B.48
Godetia.....S.2, 18
Gourds.....S.18
Grafting Wax.....85
Grasses, Lawn....92-93
Grasses, Ornamental
.....S.18, 41
Greenhouse Plants.P.55
Grevillea.....S.18
Gypsophila.....
....S.19, 41, P.51, 52
Helenium....S.41, P.52
Helianthus...S.41, P.53
Helichrysum.....S.19
Heliotrope....S.19, P.55
Hemerocallis.....P.53
Heuchera....S.42, P.53
Hibiscus.....S.42, P.53
Hollyhock..S.2,5,42,P.53
Hormodin.....89
Hose Supplies.....87
Hot Bed Supplies....84
Hyacinthus Cand....
.....S.42, B.48
Hydrangea.....P.55, 63
Immortelles.....81
Impatiens.....S.2
Insect Destroyers.74-75
Ipomoea.....S.2, 19
Iris.....S.42, P.58
Ismene.....B.48
Isoloma.....S.19
Ivy, English.....P.55
Kalanchoe.....S.19

Page
Knives.....87
Kochia.....S.19
Kudzu Vine....S.19, 42
Labels.....86
Lantana.....S.19, P.55
Larkspur.....S.20
Lavandula.....S.42
Lawn Seed.....92-93
Lawn Supplies....90-91
Leaves, Prepared....81
Letters.....82
Leucocoryne.....S.20
Ligustrum.....P.63
Lilac (Syringa)....P.64
Lilies...B.48, S.5, 42-43
Linum.....S.43
Lobelia.S.2, 19, 43, P.53
Lonicera.....P.63-64
Lunaria.....S.43
Lupinus..S.20, 43, P.53
Lychnis...S.43, 44, P.53
Mahonia.....P.63
Magnolia.....P.65
Marigold.....S.2, 21
Mastica.....83
Matricaria...S.44, P.53
Mats.....80, 84
Match Sticks.....81
Mignonette.....S.20
Mint.....P.53
Monarda.....S.44, P.53
Moss, Sheet.....76
Moss, Sphagnum.....76
Mushroom Spawn....71
Myosotis.....S.40
Nasturtiums.....S.2, 22
Nemesia.....S.20
Nicotiana.....S.22
Nierembergia.....
.....S.2, 22, 44, P.51
Nigella.....S.3, 22
Nozzles.....87
Oenothera.....S.44
Oxalis.....S.22, B.48
Paint.....83
Pansy.....S.3, 23
...Inside Front Cover
Papaver..S.22, 44, P.53
Paper.....80

Page
Peat Moss.....88
Peonies.....P.61
Pentstemon....S.22, 45
Perennial Plants P.51-54
Perennials.....S.34-47
Perfumes.....94
Petunia....S.1, 3, 24-26
Philadelphus.....P.63
Phlox...S.3, 26, P.51, 54
Physalis.....S.45, P.53
Physostegia..S.45, P.53
Pins.....81
Plant Bed Cloth.....84
Plant Stakes.....85
Platycodon.S.5, 45, P.53
Poinsettia.....P.55
Poppy.....S.5, 22, P.44
Portulaca.....S.22
Pots.....85
Pot Covers.....80
Primula.S.3,5,27,45,P.51
Privet.....P.63
Prunus.....P.63, 65
Pump Sprays.....75-76
Putty.....83
Putty Bulbs.....83
PyrethrumS.5,27,46,P.53
Raffia and Reed.....84
Rhus.....P.63
Ribbons.....79
Ricinus.....S.27
Rock Garden Plants...
.....S.46, P.53
Rosa Polyantha....S.46
Rosa Rugosa.....P.63
Roses.....P.60-61
Rudbeckia.....
...S.3, 5, 27, 46, P.53
Salpiglossis.....S.28
Salvia..S.3,28,46,P.51,53
Saponaria.....S.28
Sash, Hot Bed.....84
Saws.....86
Scabiosa.....S.3, 28, 46
Schizanthus.....S.28
Sedum.S.3, 28, 46, P.53
Shasta Daisy.S.5,38,P.52
Shears.....86
Shrubs.....P.62-64

Page
Solanum.....S.32
Soil Test Kit.....89
Spiraea.....P.63-64
Sprayers.....75-76
Sprinklers.....90
Stakes.....85
Statice.S.3, 29, 46, P.53
Stocks.....S.29
Stokesia.....S.46, P.53
Strawberries.S.4,29,P.53
Streptocarpus.....S.28
Sunflower.....S.2
Surprise Garden.....S.8
Sweet Peas...S.4, 30-31
Syringa.....P.64
Syringes.....76
Tahoka Daisy.....S.32
Taxus.....P.67
Thermometers.....83
Tin Foil.....80, 81
Tree Pruners.....86
Trees, Shade....P.65-66
Tree Wrap.....84
Tritoma.....S.47
Tuberoses.....B.48
Tubs.....85
Twine.....81
Ursinia.....S.4, 32
Vases.....79, 82
Vegetable Seed..S.68-73
Venidium.....S.32
Verbena.S.4,5,32,47,P.55
Viburnum.....P.64
Vinca.....S.33, P.53, 55
Vines.....P.64
Viola.....S.5, 47, P.53
Wallflower.....S.47
Watering Pots.....87
Weed Killers.....90
Weigelia.....P.64
Wheelbarrows.....90
Window Boxes.....84
Wire.....81
Wire Designs.....77
Wistaria.....S.47, P.64
Xeranthemum.....S.33
Yucca.....S.47, P.53
Zea.....S.33
Zinnia.....S.4, 33

Quality Seeds for Discriminating • Buyers •

Not On Sale At Dime Stores

OUR packet seeds are supplied on consignment on the usual terms, but with unusual display material, and a unique method of direct delivery to you by parcel post. An assortment of flower seeds, or both flower and vegetable seeds as you choose, is sent you on consignment, to be sold at 40% commission. All flower seeds are 10 cents, and some vegetables are 5 cents, most 10 cents. Each rack is dated and bears a seed analyst's certificate of the purity and freshness of its seeds. At the end of the season you return the unsold packets in a bag supplied by us, and destroy the rack. You are credited with the returns and billed for the seeds sold, less 40%.

OUR NEW FLOOR RACK, DISPLAYING ENTIRE SEED STOCK IN MINIMUM SPACE

Brilliant New Floor Display Racks

SINCE floor racks are becoming popular, we have designed for 1939 a floor rack which in attractive appearance and display value, surpasses all others we have seen.

The illustrations show how it holds each variety of your seed assortment where the customer can see it. Against the black background the vivid colors of the seed packets stand out like a veritable flower garden, catching the eye of everyone who comes near it and inviting further inspection.

Counter Rack for Flower Seeds Only, 12x22 inches. 30 Inches Tall

The dimensions of this rack are: 30 inches wide, 15 inches deep, on the floor. The height is 55 inches, nicely calculated to combine maximum visibility of packets, and convenient self-service, while at the same time it does not obstruct a clear view of the store, which many feel is important.

Your new rack will be light, yet strong, easily moved about. It is made in the modern manner, of heavy matboard, and comes to you brand new. One rack will hold $100 worth of packets retail value.

Counter Racks for Small Flower Seed Assortments.

Where flower seeds only are ordered in single assortments, which would not be sufficient to fill the 72 pockets of our floor rack, we will supply the counter rack illustrated. It is handsome black and red, economical of space, irresistibly attractive to the seed buyer. Dimensions: Each, 30 inches high; counter space, 12 x 22 inches. **Where the order calls for two flower seed assortments, a floor rack will be supplied, if you request it.**

1938 Counter Racks Optional. If you prefer to have the counter rack like those we used in 1938, non-illuminated, it will be supplied on your special request.

Our New Packets. All flower seed packets of 1939 will be 3¼ by 4½ inches, same size as vegetable packets, and all racks will be interchangeable, serving for either flower seed or vegetable seed packets or both.

Brilliantly Colored Posters and Streamers. Color sells everything now-a-days and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.

Fill out This Contract and Mail it to us NOW

Please give references for the benefit of our credit department unless you have a rating or already have an account with us. This will save time.

☐ Flower and Vegetable Floor Rack. ☐ Flower Seeds Only, Counter Rack.

VAUGHAN'S SEED STORE _____ 19____
Commission Box Department
601 W. Jackson Blvd., Chicago, Ill.

Please forward, in due season, one assortment of garden and flower seeds for me to sell on commission for the season of 1939. I agree to display this assortment and the advertising material sent with it, in my store, and to sell all the seeds possible. On or after July 1, when requested by you, I agree to return the unsold seeds by parcel post, and to pay, upon receipt of statement, the retail value of the seeds sold by me, less 40% commission. Unsold seeds returned by me are to be credited, and only the amount of seeds actually sold less 40% commission, is to be billed. I further agree, when season is ended, to destroy the display rack furnished by you with the goods.

Your Firm Name_____

Your Address_____

TRADE REFERENCES: Sign here_____

500 1st Size Glads, 10 Named Varieties, and Display Box

Gladiolus Display Box Holding 500 1st Size Bulbs, 50 each of 10 Named Varieties

$7.50

Retails for $16.00

F. O. B. Chicago or New York

VAUGHAN'S GLADIOLI are famous. For years they have been nationally advertised. You have only to put this box on your counter to sell out quickly.

We use **FIRST SIZE BULBS,** the size which sells best over the counter. The 10 named varieties (50 each) include the show winners **Picardy, Mammoth White, Red Phipps, Wasaga, Rosa Raisa, Edith Mason, Cadillac, B. L. Smith, Kalamazoo, Emile Auburn**—none better known. The price to you is $9.00 for the box and 500 bulbs of 10 named varieties. You retail them for 40 cents a dozen, or more, because the selection is worth more, doubling your money. Each variety is packed 50 in a bag labeled with its name. You empty one bag into a compartment, and refill in the same manner when it is empty. This prevents mixtures and loss of bulbs. Colored pictures are provided to paste on the compartments. This box keeps the bulbs in the open air, thus preventing bacterial rot which comes when they are sealed in cartons. The named varieties are kept apart without mixing, which adds greatly to their value. **Varieties Subject to Change Without Notice.**

Sell Vaughan's Famous Rainbow Garden of Gladioli (100 No. 3 bulbs)

Each: $1.50; 10 for $14.00; 20 for $27.00; Prepaid 600 Miles.

Retailing at $2.00, this is an unexcelled leader. It includes 100 bulbs, 10 each of the following varieties, each separately bagged and labeled; **Commander Koehl,** red; **Mary Shary,** yellow; **Maid of Orleans,** white; **Dearborn,** orange; **Edith Mason,** pink; **Marmora,** smoky; **Mrs. T. J. Knudson,** violet; **Mrs. Frances L. Karcher,** red orange; **Picardy,** pink; **Minuet,** lavender.

The Best of the New Cannas

New Cannas are planted each year at Western Springs, also test plantings of the older varieties. Cannas are indispensable for parks, cemeteries, golf grounds or any place where a large mass of flowers and foliage is needed. We urge all Florists to try the four new varieties here listed, best in our trials.

	Per 100	Per 1000
COPPER GIANT. 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial....10 for $1.20	$8.00	$ 60.00
3 inch pot plants.....	12.00	100.00
IMPROVED FLORENCE VAUGHAN. 4 ft. A fine variety. Stout stems of green foliage with big golden yellow flowers sprinkled with fine red dots. Green foliage.....10 for $1.75	12.00	100.00
3 inch pot plants.....	16.00	140.00
OLYMPIC. 4 ft. Showy bronze foliage, good habit of growth. Blooms of large size in a deep rose pink..10 for $1.20	9.00	80.00
3 inch pot plants.....	14.00	120.00
SUNGOLD. 3½ ft. A very handsome variety of rich coloring. Deep Chinese orange with golden yellow border, the general effect is dark orange. Green foliage and large blossoms. 10 for $1.20	8.00	70.00
3 inch pot plants.....	15.00	135.00

Part of our Trial Grounds at Western Springs. Copper Giant in front, Improved Florence Vaughan in background.

DELPHINIUM

Pacific Hybrids

the World's Best Strain

Produced by scientific breeding, this strain of hardy delphiniums has been pronounced by expert judges from both Europe and America to be the world's best. They have huge 2½-inch florets, well spaced in tapering spikes on stems not too tall (about 5 feet), strong and wiry that need no staking. The plants are 65% mildew resistant. The individual floret illustrated is natural size.

Giant Pacific Blue Shades. From this well fixed selection the plants will be lovely tones of blue and pastel shades.
Trade pkt., $1.25; ⅛ oz., $2.00; ¼ oz., $3.50; ½ oz., $7.00; oz., $12.00.

Giant Pacific Double White. Flowers of glistening white with white bee, equaling in size and form the blue shades.
Trade pkt., $1.50; ⅛ oz., $3.00; ¼ oz., $5.00; oz., $18.00.

Pot plants, 2¼ inch, 10 for $1.50; 100, $12.00.